Catalog No. Six

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800.396.8049

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Georgia
888.283.5863

Montrose
Pennsylvania
888.278.8383

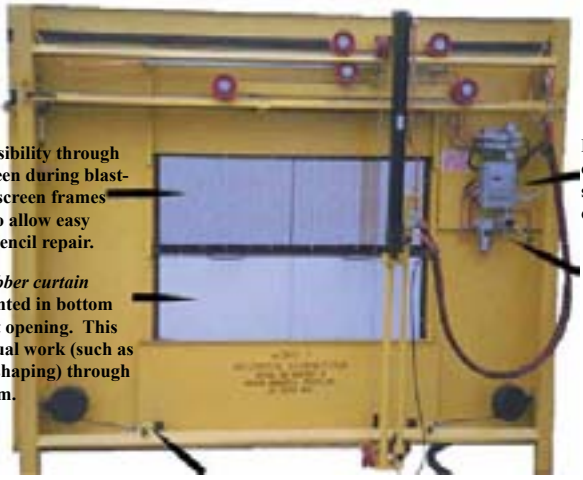
St. Cloud
Minnesota
800.789.0815

www.milessupply.com

Miles Supply

THE MODEL J AUTOMATIC SANDBLASTER

The Model J Automatic Sandblaster is a complete front for a sandblasting booth. The Model J is fully assembled and test run prior to shipment. It has been proven in hundreds of retail and wholesale shops to perform under the most demanding conditions.


Excellent visibility through viewing screen during blasting. Large screen frames slide open to allow easy access for stencil repair.
Optional rubber curtain can be mounted in bottom half of front opening. This allows manual work (such as flashing or shaping) through front of room.
Electrical switch requires only 120 volt, single phase power connection.
Compressed air connection requires only 2 cfm.

Improved limit switches have no moving parts and are totally dustproof.

HIRONS MEMORIAL WORKS, INC.
14950 US RT. 68, MT. ORAB OHIO 45154
(937) 444-2917 VOICE / 444-2646 FAX

- A compact machine that is fully assembled and tested prior to shipment. Install it in less than a day.
- Designed for the constant motion of automatic sandblasting. Not an attachment to a manual curtain. No exposed chains, sprockets or short life components.
- Full range of speeds for independent control of horizontal and vertical motion. Speed of motion is adjustable during operation to "fine tune" coverage.
- Electrical power interruption will not stop nozzle motion in mid-stroke. Compressed air power will continue moving nozzle to extreme end of track. This safety feature provides time for operator to shutdown generator sand flow.
- Available in 2 sizes -
  8' model with 60" horizontal travel
  10' model with 84" horizontal travel

Both models have 30" vertical travel that is easily adjustable within 55" vertical range.

OSAKA DIAMOND

This is your Diamond Answer.

Quality diamond tools for stone

Saw Blade, Silent type

ACE WIRE

GRANITE MASTER

Please contact Miles Supply

A.L.M.T. Corp.

Miles Supply Barre
800.396.8049 phone
802.476.3954 fax

PO Box 237
143 Boynton Street
Barre Vermont
05641

Miles Supply of Elberton
888.283.5863 phone
706.213.1790 fax

PO Box 549
1599 Hartwell Highway
Elberton Georgia 30635

Miles Supply Pennsylvania

570.278.0333 phone
570.278.0436 fax

6 Ellsworth Drive
Montrose, Pennsylvania

Miles Supply Minnesota

800.789.0815 phone
320.548.3698 fax

St. Cloud, Minnesota
please contact at
PO Box 237
143 Boynton St.
Barre, Vermont

Our mission, is to satisfy our customers as a team, by delivering the best quality products with honesty, integrity, and pride.

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Catalog No. Six

Miles Supply

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Polishers and Tile Cutters

MS RPW-218 Air Polisher

A high performance tool for continuous production applications which features a center water feed for reduced dust. Rear air exhaust hose makes this machine quiet and keeps exhaust away from hands and stone. It has a light-weight, durable, rubber coated body to keep hands from getting cold.

Specifications:	Equipment Included:
• Air Consumption....: 16 CFM	• Air lead hose - 10 feet (3m)
• Air Pressure.....: 85-95 PSI	• Exhaust Muffler
• Speed.....: 2,500 RPM	• Side handle (reversible)
• Weight.....: 2.64 Lbs	• Hose adapter
• Spindle.....: 5/8" - 11	• Water valve with hose
• Air Inlet.....: 1/4" Npt	• Wrenches / Splash Gaurd

UXF4R and UWM-4

LXE-3

Suhner Air and Electric Polishers

Miles Supply carries the Suhner air and electric polishers for their comfortable design and quiet running. Suhner tools are a guarantee of high power output, safety and reliability, with high performance at a favorable power to weight ratio. These tools feature a lock button for fast wheel changes. The low rpm polishers have a central waterfeed for dry and wet polishing.

SuhnerAir Polisher LXE-3
Center water feed
32 C.F.M. at 90 p.si. Full load
3000 rpm
3.25 lbs, 5/8" -11 spindle

Suhner Electric Polisher UXF4R
Center water feed
9 amp variable speed 1500-3500 rpm
7.5 lbs, 5/8" - 11 spindle

Suhner Electric Polisher UXD-4
Center water feed
7 amp, 4000 rpm
5.9 lbs, 5/8" - 11 spindle

Suhner Electric Polisher UWM-4
16.5 amp, 4000 rpm
11.25 lbs, 5/8" - 11 spindle

AWP-158 Alpha Electric Polisher

The AWP-158 is a center water-feed electric polisher designed for wet polishing, profiling, core drilling and light grinding. Light-weight, yet powerful; equipped with a built-in GFCI for your safety.

Specifications:	Equipment Included:
Rating.....: 115 Volts	• Ground Fault Circuit Interrupter
Amperage.....: 4.0	• Water valve and hose
Speed.....: 2,000 RPM	• Faucet / garden hose adapter
Weight.....: 5 Lbs	• Wrenches
Spindle.....: 5/8" - 11	• Side handle (reversible)
	• Rubber coated electricals
	• Extra Carbon Brush Set

Miles Supply Tile Saw/ Stone Cutter

4" or 5" marble cutter for use with both wet and dry applications from Miles Supply. This saw has many uses including cutting tile, marble, granite, brick and removing grout.

Jepson Tile Saw/Stone Cutter

Miles Supply offers this 4" or 5" Jepson tile saw for use with both wet and dry applications. Used for cutting tile, marble, granite, brick and removing grout.

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Polishers and Tile Cutters

Metabo Angle Tools

In addition to their rugged construction, Metabo tools will remove stock faster. This is made possible by designing high quality armatures, precision ground hardened steel gearing, and speed enhancing electronic components for extremely efficient transfer of power to the spindle. Listed below are a few of our more popular models, but Miles Supply carries the full line of Metabo Angle tools.

Metabo Angle Tools				
Blade/Disc/Wheel size	4 ½"/ 5"	6"	4 ½"	9"
Amps	7.5	12	7	15
Speed in rpm's	Variable 3,000-10,000	Variable 6,000-9,000	10,000	6,000
Weight	4.9 lbs.	5.6 lbs.	5 lbs.	12 lbs.

¼" Shanked Sintered Diamond Points and Blades

Designed to be run at high RPM's with tools such as die grinders, these points and blades save a great deal of time in both sculpting and lettering and are also economically priced.

Felt Bobs

A medium density felt mounted on a steel shaft ideal for use with a Die Grinder for buffing and also used in the Cemetery by hand for rubbings.

Central Pneumatic Straight Die Polisher

The compact design and one hand operation of this polisher allow maneuverability in tight spaces. Rear exhaust won't deflect dangerous stone chips at operator. Ball bearing construction for long life.

Collet size 1/4" Air Inlet 1/4"
25,000 RPM max Overall length 6"
90 PSI required pressure

Central Pneumatic Right Angle Die Polisher Kit

Featuring rugged all ball bearing motor, this polisher will produce up to 25,000 rpm. Lever throttle action, and less than 6" tool length provides exceptional mobility and control. Comes with 5 sanding discs, 1/4" pad mounting shank, and 2 Collet wrenches.

Rear exhaust 6 cfm at 90 psi
90° head angle Weight 1 lb.

3M Roloc 1" and 2" Dry Polishing Discs

These 3M diamond roloc discs attach easily with ½ turn to the 3M back up pad and offer precise dry polishing of hard to reach spots. Works great with die polishers.

Polishing Products

Spiralcool(R) Backing Pads

Miles Supply is proud to carry the Spiralcool ® Backing pads, which are recommended for use with all Resin Fiber discs. These pads give maximum support to the disc while the Spiralcool® design increases air flow between disc and pad. Standard size is 7" diameter by 5/8"-11 thread.

Alpha Twistouch Turbo Discs

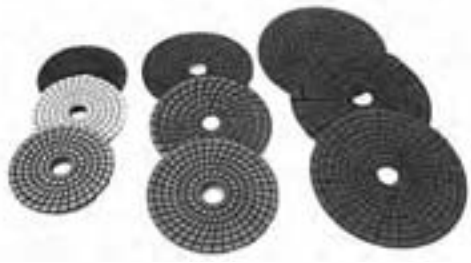
Miles Supply offers these 3" discs which provide a safer and easier method for flat granite polishing. 6 grits and two buffers take advantage of the twist and lock system to speed up disc changing and ensure a good hold onto backer pad. Sold individually in grits of 100, 200, 500, 1000, 2000, 3000, white buffer and black buffer.

CoCo Mats

Miles Supply carries this widely used mat for contoured polishing. The sizes of coco mats range from 4" to 15" and are approximately 2" thick. Best used with tin oxide (see page 9).

Cloth Backed Sanding Discs

These popular 7" cloth backed sanding discs can be used either wet or dry. They were designed for getting into hard to reach places for surface polishing. Grit sizes available include 80, 120, 180, 220, 320, and 600.



Miles Supply Diamond Discs

Sizes Available: 3", 4", 5", and 7". These diamond discs will deliver excellent quality at an economical price. Available in eight different grits: #50, 100, 200, 400, 800, 1500, 3000, and Buff.

5mm thick 5" Top Polishing Diamond Pads

The newest way to polish both flat and serp tops on your top polisher. These discs range from 50 to 3000 and will save time and money compared to conventional methods. Currently only available in 5" diameter. Velcro backed for easy removal.

Felt Buffers

High quality solid felt in diameter of 3" up to 20" with options of density also available. Best used with tin oxide (see page 9).

Alpha Diamond Discs

Sizes Available: 3", 4", and 5". Alpha discs offer many different types of matrix to suit the job at hand. Alpha offers the following grit sizes: #60, 150, 300, 500, 1000, 2000, 3000,and Buff.

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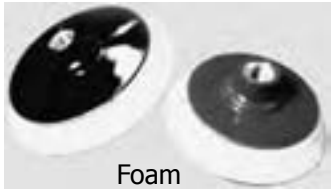
Polishing Products

Rigid

Flexible



Foam

Alpha Back Up Pads

Sizes Available: 3", 4",and 5". All with 5/8" arbor.
Rubber: Flexible pad for contours, edges and surfaces.
Rigid: Firm backer pad with velcro, great for straight edges, margins and surfaces.

Foam Back up Pads with Velcro

Sizes Available: 3"-7" with 5/8" arbor. These back up pads incorporate ¼" of foam between the velcro and the plastic mold. Ideal for all applications.

Tin Oxide

A high quality buffing powder sold by Miles Supply to be used for a high gloss shine on stone using felt buffing wheels.

Miles Supply 4", 5" and 7" Cup Wheels and Turbo Cup Wheels

These economically priced cup wheels will out grind and out last most products on the market. The aggressive sintered diamond design contributes largely to their success.

Abrasive wheels, Rubbing Bricks and Hand Polishing Bricks

Miles Supply offers a wide range of abrasive wheels, from large contour wheels which mount on automatic planers, to the GC80, which is used for sharpening carbide on a bench grinder. We also carry 4" and 5" wheels with a 5/8" thread to screw onto hand machines for polishing. These are used without water for jobs such as edges or margins. Miles Supply also has 2 ½" x 3" rubbing hand bricks and 8"x2"x1" rectangle hand bricks for finishing edges.

Diamond Ziz Wheel

The 5" and 7" diamond ziz wheel offered by Miles Supply can be used on pneumatic or electric hand tools with a 5/8" drive system and top/end polishing machines. The eight diamonds on the bottom are screwed into the plate, which allows for quick changing when worn. Miles Supply carries all the common grit sizes.

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Polishing Products

Abressa Bricks

Since 1988 Abressa Canada has produced a complete range of grinding, honing and polishing bricks needed for all types of stone and ceramics. The technology and formulations to produce this consistently high quality product originated from one of the world's leaders in this field, Abrasives de Espana, in Barcelona Spain.
Miles Supply is the exclusive distributor for North America, and has the technicians and experience needed to work with your stone, machine and operator to get a top quality finish. Our technical assistance includes help with quality control, production and cost analysis.
All of the popular shapes and grit sizes are available in each of our six bond hardness ranges. In addition, Miles Supply also carries the unsurpassed Glossex Buffing for your final polishing brick.

Calder Grinder Wheel Dressers

Calder wheel dressers "pick" quicker and last longer than any other on the market. These dressers will smooth out any imperfections in your grinding wheel to give you more time removing stock.

Dry Grinding Resin Flattener Cup Wheel

Dry Grinding Wheels

Miles Supply has many different types of threaded and non-threaded diamond cup wheels available for dry removal of stone. Sizes range from 4" to 7" with finer grits than 50 available upon request.

Resin Flatteners

Designed for making smooth surfaces even smoother.

Cup Wheels

Designed for making rough surfaces smoother by ripping the stone away. A very aggressive choice offered by Miles Supply.

Polish Master

Miles Supply suggests you take advantage of up to date diamond polishing and eliminate cast iron wheels and loose abrasive. These 8", 10" and 12" wheels mount easily to your radial arm polisher and are available in both resin and metal bond. These wheels are available in 80 grit to final polisher and will offer superior performance compared to old fashioned polishing methods.

100 x 30 130 x 30 psh 130 x 30 sh 150 x 40e sh 150 x 40 l sh

Abressa Edge Polishing Bricks

These styles of edging abrasives utilize our new Resipox binder. This gives longer life, while also reducing rippling effects left by traditional abrasives.

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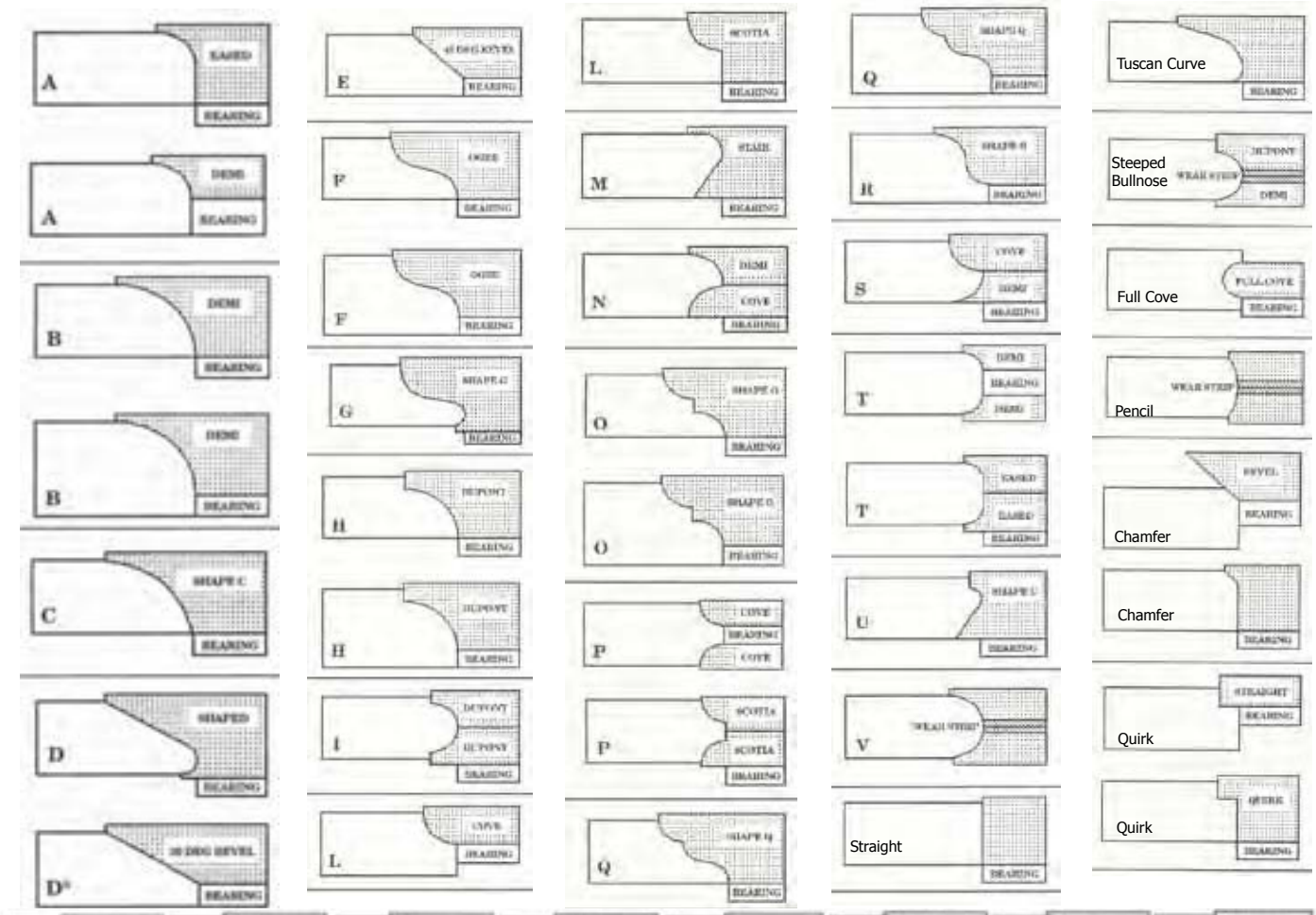
Polishing Products

Diamond Router Bits

For diamond router bits, Miles Supply carries a variety of shapes and sizes to meet your shaping, grinding, or polishing needs. Special sizes available upon request.



© Router Bit shape edges from Consolidated Diamond

Alpha PVA Marble Edge Polishing System

Miles Supply offers this great product line that is excellent for marble shops, tile installers or anyone else who has the need to speed up productivity when polishing marble. Packaged 5 pieces per box and sold by the box, the marble edge polishing system is available in 5 different grits from extra coarse to extra fine.

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Sandblast Supplies and Equipment

SuperBlast® Stationary Blasters by Empire

Designed for simplicity, safety, reliability and performance, the Empire SuperBlast® tanks are perfect for projects big or small. **Can be electronically connected to the Hirons Automatic Model J curtain. When set number of passes are completed, the blasting process is automatically shut down.** Contact Miles Supply to order the size you need.

Empire Econo-blast™ Portables

Econo-Blast portable tanks are compact pressure blasters that share many features with big brother, SuperBlast. Miles Supply offers this economical option with less grit capacity and smaller nozzles. This makes these units ideal for spot blasting and detail work. Larger Econo-Blast models can be equipped with Empire's patented Sure-Flo grit valve and 680 remote controls, which stops blasting the instant the nozzle is released.

Specifications			
Model	350	650	1050
Pressure Vessel Construction	ASME	ASME	ASME
Media Capacity (lbs)*	350	650	1050
Tank Diameter	18″	24″	30″
Filling Height	40″	50″	58″
Weight (lbs)	250	415	750

*Media capacity is based on a bulk density of 100 lbs per cubic foot.

Specifications		
Model	P-150	P-300
Pressure Vessel Construction	ASME	ASME
Media Capacity (lbs)*	150	300
Tank Diameter	12″	16″
Filling Height	36″	44″
Weight (lbs)	80	102

*Media capacity is based ona bulk density of 100 lbs per cubic foot.

APPLICATION CONSIDERATIONS: SYSTEM SELECTION AND SIZING

The charts below will help you maximize your investment in a portable blaster. They assist in coordinating the size of components as well as selecting the Empire unit best suited for the type of work you normally perform.

System Sizing Chart (at 100 psi nozzle pressure)

Nozzle (No.)	(I.D.)	Hose I.D. (Blast)	Hose I.D. (Air Supply)	Optimum Vessel Size	Minimum Compressor Size (SCFM)	(HP)*	Approximate Blast Time (Min.)	Approximate Media Use (lbs/hr)
#2	1/8"	1/2"	3/4"	100 150	20	5	35 50	175
#3	3/16"	1/2 to 3/4"	1"	150 to 350	45	10	25 45	250
#4	1/4"	3/4 to 1"	1 to 1-1/4"	350	81	18	45	500
#5	5/16"	1 to 1-1/4"	1-1/4"	650	137	30.5	50	800
#6	3/8"	1 to 1-1/4"	1-1/2"	650 1050	196	44	35 55	1150
#7	7/16"	1-1/2"	2"	1050	254	56.5	40	1600
#8	1/2"	1-1/2"	2"	1050	338	75	30	2000
#10	5/8"	1-1/2"	3"	1050	548	122	20	3300

*HP: Use horsepower figures for reference only as actual air output may vary between compressors with the same horsepower rating.

Air Requirement & Media Consumption Chart

Nozzle Inside Orifice	PSI	60	70	80	90	100	120
3/16"	Air (CFM)	30	33	38	41	45	–
	Horsepower	7.0	7.5	8.5	9.5	10.0	–
	Media (lbs/hr)	171	196	216	238	264	–
1/4"	Air (CFM)	54	61	68	74	81	97
	Horsepower	12.0	13.5	15.0	16.5	18.0	21.5
	Media (lbs/hr)	312	354	408	448	494	582
5/16"	Air (CFM)	89	101	113	126	137	152
	Horsepower	20.0	22.5	25.5	28.0	30.5	34.0
	Media (lbs/hr)	534	604	672	740	812	912
3/8"	Air (CFM)	126	143	161	173	196	220
	Horsepower	28.0	32.0	36.0	38.5	44.0	49.0
	Media (lbs/hr)	764	864	960	1,052	1,152	1,320
7/16"	Air (CFM)	170	194	217	240	254	300
	Horsepower	38.0	43.5	48.5	53.5	56.5	67.0
	Media (lbs/hr)	1,032	1,176	1,312	1,448	1,584	1,800
1/2"	Air (CFM)	224	252	280	309	338	392
	Horsepower	50.0	56.0	62.5	69.0	75.0	87.5
	Media (lbs/hr)	1,336	1,512	1,680	1,856	2,024	2,352
5/8"	Air (CFM)	356	404	452	504	548	611
	Horsepower	79.5	90.0	100.5	112.0	122.0	136.0
	Media (lbs/hr)	2,136	2,424	2,712	3,024	3,288	3,668

Media consumption rates, labeled as **"Media (lbs/hr)"** in the chart above, are based upon media having a bulk density of 100 pounds per cubic foot.

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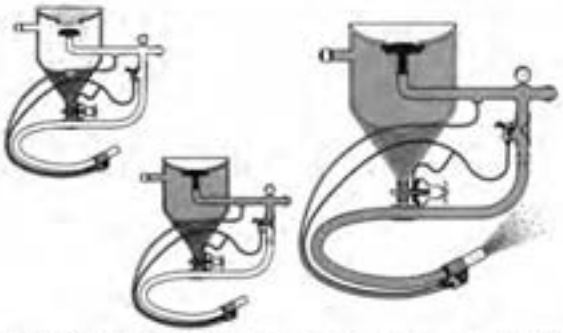
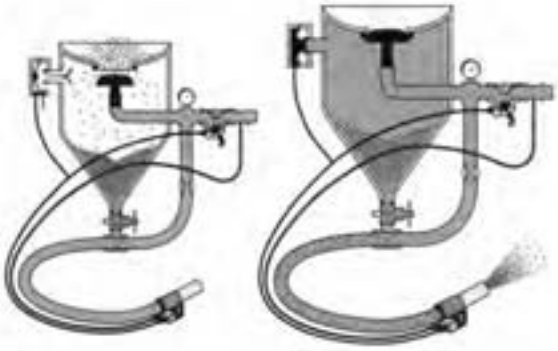
CONTROL SYSTEMS DESIGNED FOR SAFETY AND PROFIT

Empire gives you the choice of two remote operating systems. Either can be specified with pneumatic or electric controls and all conform to OSHA. The four configurations share a simple, reliable design that shuts down blasting when the "on/off" trigger is released for operator safety. The key difference between the electric and pneumatic arrangements is that the electric systems perform better in cold weather and provide faster "start/stop," especially when the pressure vessel is far from the operator.

Manual controls, which can later be upgraded to remotes, are also available, but these systems require a tender at the vessel to assist in operating the system.



***780 (pot-under-pressure) controls**, used with Empire's SuperBlast, PRS and FaStrip systems, stop blasting when the "on/off" trigger is released while maintaining pressure in the vessel. This arrangement, which conserves compressed air and is easiest on system components, is especially useful for spot blasting because of the fast restarts it provides.*



***680 (blow-down) controls**, used on SuperBlast and Econo-Blast portables, vent pressure from the vessel when the "on/off" trigger is released. This setup makes blasting easier for a single operator and permits automatic grit refills.*

Saf-Stop II™ Safety Switch with Grit-Mizer™ Option

Empire's **Saf-Stop II control device** (Patent No. 3,834,082) adds essential safety to any blasting operation by shutting down the system if the pneumatic control hose gets cut, crimped or crushed. The control comes with a large, easy-to-manage handle protected by a guard.

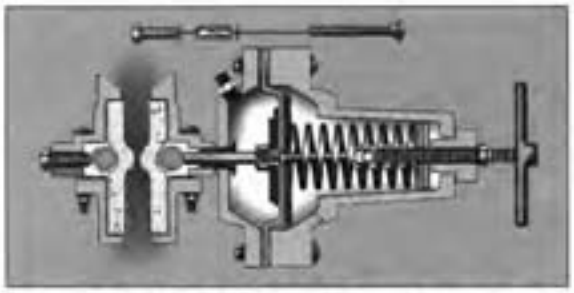
Another control option, which can be added at the handle, is Empire's exclusive Grit-Mizer device. With Grit-Mizer, the operator dials in the right grit flow for conditions by adjusting the air-to-grit ratio remotely from the handle. Grit flow can even be stopped completely for blow-off work.

***Saf-Stop II remote control handle with Grit-Mizer option** provides maximum safety and operator control.*

The Sure-Flo® Grit Valve

A key to the popularity of SuperBlast portables is our **Sure-Flo grit valve and media regulator** (Patent No. 4,518,145). The media path through the valve is straight down, assuring dependable flow. Abrasive media contact only one part, a gum-rubber pinch tube. Not only is the tube exceptionally long lasting, it is also inexpensive and simple to replace—even in the field—meaning you enjoy more productive time and virtually maintenance-free operation.

With the Sure-Flo, metering is easy and precise, saving you mountains of media. It's as simple as turning a handle. Also, a variety of tube sizes are available to meet special application requirements.



*Patented **Sure-Flo valve** brings any blaster up to a higher level of performance and, when teamed with Empire products, the combination is unbeatable.*

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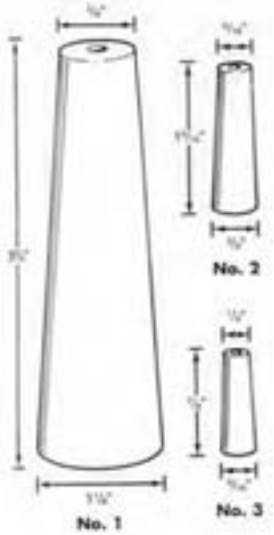
Sandblast Supplies and Equipment

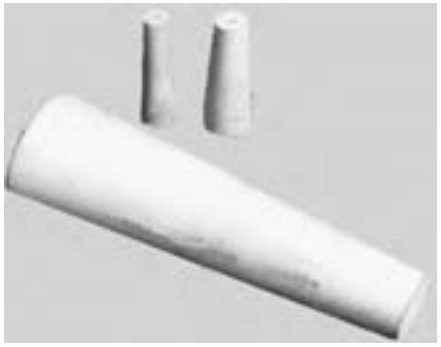
Marco Blast Machines

Miles Supply offers the full line of Marco Blast Machines. The three lightweight Marco Blast Machine models all have a powder-coated finish, new concave top with triangle handle to make it easy to fill and pressurize the machine. Standard features like the moisture separator keeps the abrasive dryer, while the Integrator Series Mixing Valve lets you control the right blend of air and abrasives. The Integrator's air-only feature also helps with quick clean-up! Let Miles Supply help you decide which model is right for you!

Specifications Marco Blast Machines

Model	Weight	Height	Diameter	Footprint
.15 cu/ft Blast Machine	25 lbs.	24.5″	6″	16″ x 11″
.35 cu/ft Blast Machine	80 lbs.	34.25″	6″	18.5″ x 14″
1.5 cu/ft Blast Machine	130 lbs.	32.25″	10″	22.5″ x 22.25″
3.0 cu/ft Blast Machine	250 lbs.	48.5″	18″	30.5″ x 34.5″
6.0 cu/ft Blast Machine	400 lbs.	54.5″	24″	34.5″ x 35″





Ceramic Nozzles

Miles Supply carries a variety of ceramic nozzles for your sandblasting needs. Available in a variety of shapes and sizes to meet your needs. Our most popular sizes are: 1/8″, 3/16″, 1/4″, 5/16″, and 3/8″. You can purchase by the box of 50 or by the piece.

Nozzle Holders

Miles Supply's nozzle holders accommodate any size hose and are equipped with an aluminum sleeve with a PVC threaded holder. Threaded hardened nipples with aluminum holders are also available.

Goodyear Sandblast Hose

Goodyear, the leader in rubber product fabrication, produces this long lasting hose designed for high PSI blasting. Available in the following inside opening diameters: 3/8″, 1/2″, 3/4″, 1″, 1 ¼″. It is packaged in 50-foot coils and also sold in designated lengths.

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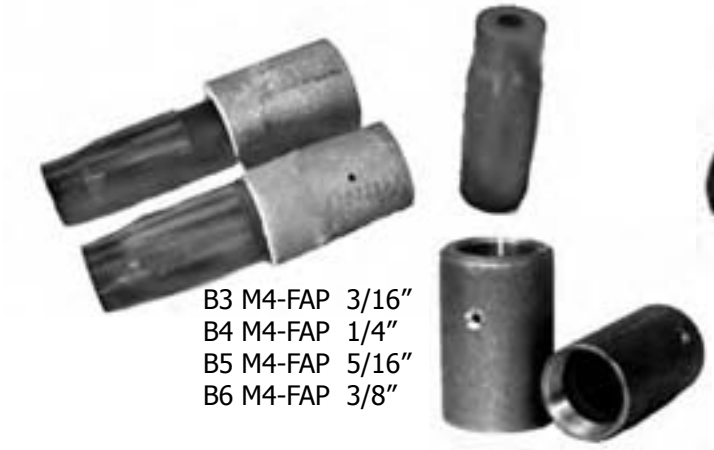
Sandblast Supplies and Equipment

Carbide Shaping Nozzles

Miles Supply's carbide shaping nozzles are long lasting for shaping and etching. Designed for intricate lettering and fine details, carbide nozzles will out last conventional ceramic nozzles.

#2 and #3 Carbide Shaping Nozzles

The #2 solid carbide nozzle is offered in both 3/32" and 1/8" sizes with the #3 being offered in only 5/64. These are the same size as traditional ceramic shaping nozzles, but with being solid carbide, are much more cost effective.



B3 M4-FAP 3/16"
B4 M4-FAP 1/4"
B5 M4-FAP 5/16"
B6 M4-FAP 3/8"

Miles Nozzles by Boride

This revolutionary system is one of a kind for sandblasting. The new "polyjacket" nozzle offers the same carbide inserts as the current popular nozzle on the market. The polyjacket coating makes the whole nozzle much lighter in weight. This system does not require a nozzle cap, it simply screws into the holder and fits right against the sandblast hose. These nozzles have been proven for life and are very cost competitive exclusively at Miles Supply.

AIR CONSUMPTION TABLE (ACTUAL CU. FT. PER MIN.)

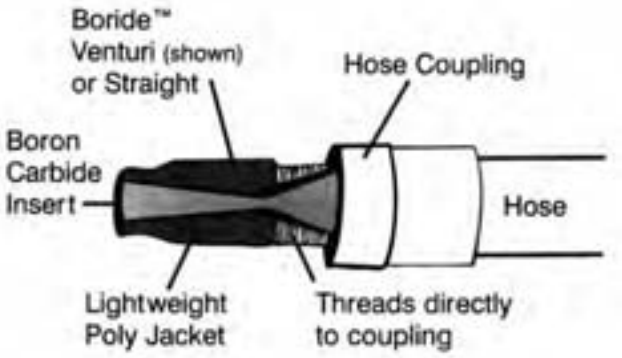
Size of Hole Generator Nozzle	GAUGE PRESSURE IN POUNDS PER SQ. INCH				Horse power	Sand Discharged Per Hour-lbs.
	60 lbs.	70 lbs.	80 lbs.	100 lbs.		
3/32"	9	11	13	12	3 to 6	100
1/8"	17	19	26	21	5 to 7 1/2	200
3/16"	38	43	58	47	6 to 15	500
1/4"	67	76	103	85	8 to 21	900
5/16"	105	119	161	133	12.5 to 33	1200
3/8"	151	171	232	191	18 to 48	1700
1/2"	268	304	412	340	41 to 85	3000

Gold Band Nozzles

Miles Supply carries the gold band nozzles with the solid carbide tubing, which will outlast traditional nozzles 10 to 1. Identical size makes conversion easy. These nozzles are designed to allow a deep shape carving and give a design depth. These are very popular for doing roses in manufacturing facilities.

K Style Boron Carbide Venturi Nozzles

Boron Carbide is known as one of the hardest materials commercially available. This venturi design will increase your rate of production up to 50% over straight bore nozzles. The same carbide insert in this nozzle is also available in the lighter FAP style, which is threaded.
Sizes available: 3/16", 1/4", 5/16", and 3/8".



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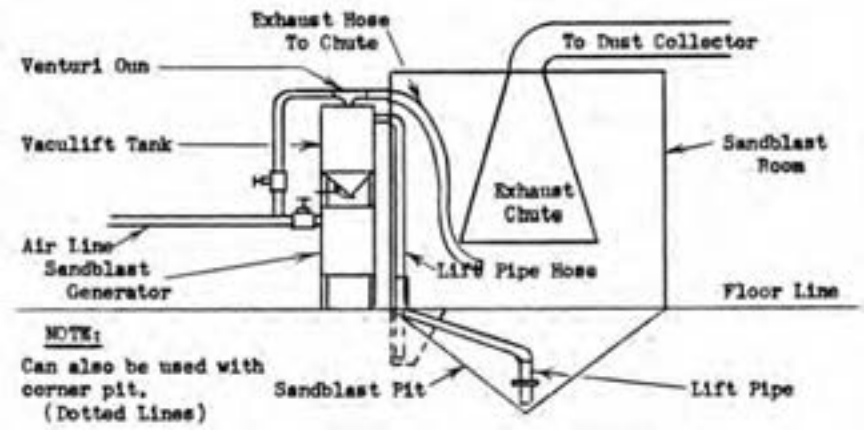
Sandblast Supplies and Equipment

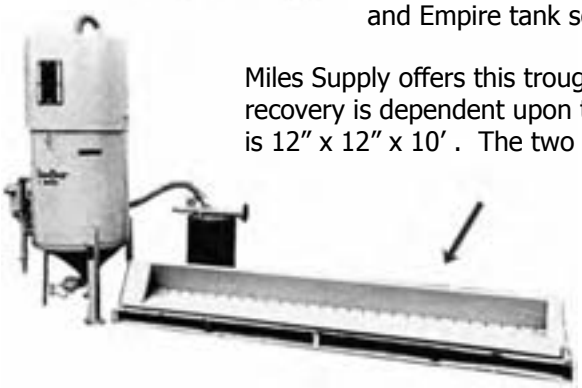


Miles Supply Abrasive Pick-up

Stop shoveling your sand into your tank and let the Miles Supply Abrasive Pick up unit suck it up instead. Reasonably priced and quality craftsmanship are two features that set this unit apart from the competition. Our unit includes a bottom screen. Pick up hose and Empire tank sold separately.

Empire Recovery System

Miles Supply offers this trough system, which eliminates the deep pit and shovel systems. Rate of recovery is dependent upon type of abrasive used, air pressure and air volume available. Trough is 12" x 12" x 10' . The two hopper sizes available are 650 and 1050.



Suction-Feed Abrasive Blasting Gun

With Empire suction blasters, you enjoy the benefits of blasting at a very low cost. Our S-4 and S-100 suction units have trigger action guns for start-stop control. They're well suited for less demanding work such as removing light rust and paint, frosting glass and spot blasting. Plus, you can get started with an air compressor as small as two horsepower with a fine grade of #70 grit.

Suction Blasters Specifications	S-100	S-4
Media capacity (lbs)*	100	4
Height	18"	7"
Weight (lbs)	24	3

* Media capacity is based on bulk density of 100 lbs per cubic ft.

Empire Shovel-in Type Hopper

Hopper includes sure-flow valve with metering tube and screen. Measures 20" x 20" x 20".

Steel Shot Pick-up Unit

The Miles Supply Steel Shot pick-up unit will eliminate shoveling and sifting, while also delivering clean shot to the shaping machine. The unit (28" round x 42" high) can be mounted on top of the shaping room, hung from overhead rafters, or mounted on legs either outside or inside the shaping room. The installation is simple and can be adapted to any shaping room. This unit will pay for itself in no time!

Sight Screen

Miles Supply recommends this steel sight screen to protect curtain glass, while providing excellent visibility.

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Sandblast Supplies and Equipment

SandHandler
Standard 9′ Model-Automatic
49″ horizontal travel
48″ vertical travel
9′x6′x8′

Fully Automatic Sandblast
& Recovery System
No Pits Needed
No Shoveling
Easy to Use
Easy to Install
EPA and OSHA Approved
Over 25 Successful Installs in the USA

SandHandler
14′ Model-Automatic
10′ 2″ horizontal travel
48″ vertical travel
14′x6′x8′
Stone to Stone capable

Sandhandlers do not include sandblast tanks, nozzles, dust collection systems, installation or shipping charges.

Shape Booth
Shape Safely
Moveable Track
Shape in Comfort
9′x4.5′x8′

Manual Frost Booth
Fast Production
Easy to Use
Sandblast Safely
7′ Horizontal Travel
4′ Vertical Travel
9′x5.5′x8′

Air Hose
Miles Supply carries only Goodyear air hose. Sold in 3/8″, 1/2″, and 3/4″ sizes, and available to ship by the foot or the reel.

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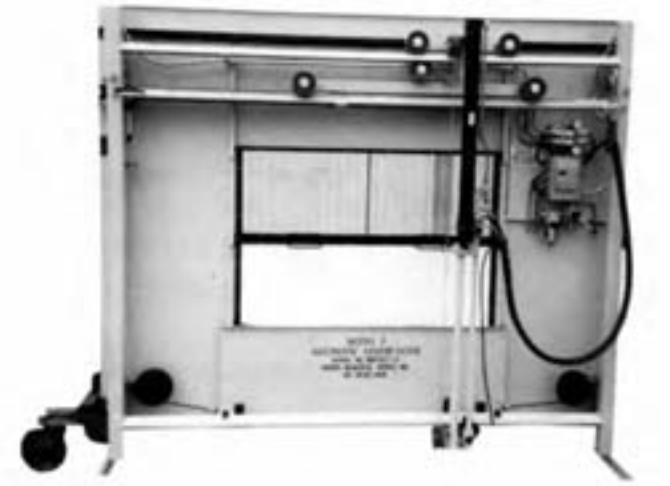
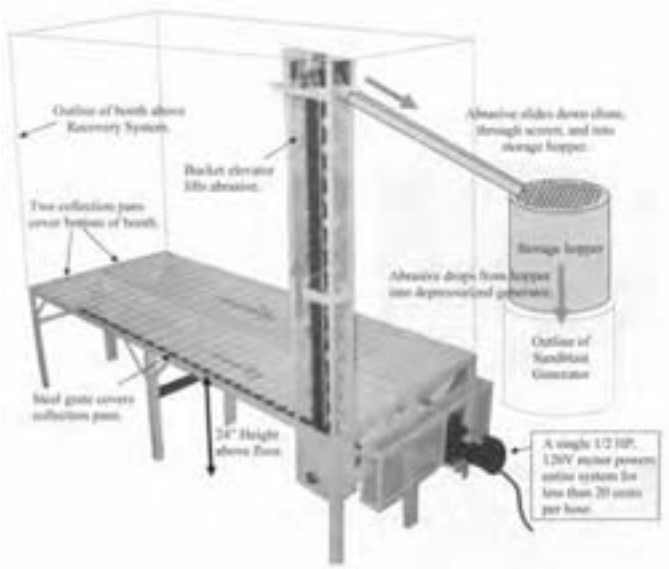
Sandblast Supplies and Equipment



Model J Automatic Sandblaster by Hirons

For superior performance, Miles Supply believes no sandblasting booth should be without the Model J Automatic Sandblast curtain. These units are fully assembled and tested prior to shipment. Look for these features:

- With a full range of speeds for independent horizontal and vertical motion, precise controls can adjust coverage during operation.
- Power failures will not cause the nozzle to stop motion in mid-stroke. Compressed air power continues movement to the end of the track, preventing media damage to the stone.
- Viewing screen offers excellent visibility during blasting and screen frames slide open to allow for easy stencil inspection.
- Sandhose connection is inside the blastroom providing greater operator safety and increasing the life of the hose.
- Optional rubber curtain for front opening allows access for manual workmanship.
- **Can be electronically connected to the Empire Blaster. When set number of passes are completed, the blasting process is automatically shut down.**



Hirons Abrasive Recovery System

The Hirons Abrasive Recovery System covers the entire bottom of an enclosed sandblast booth. During sandblast operation, the Recovery System continuously captures, moves and lifts spent abrasive. The Abrasive Recovery System eliminates sweeping and shoveling hundreds of pounds of abrasive in each sandblasting cycle. Low profile collection pans fit under standard roller conveyors and above existing floor. Fast turnaround of abrasive. Continuously loads abrasive into storage hopper while sandblasting. Automatically screens abrasive. Provides healthier working conditions because it mimimizes worker exposure to dust inside blasting booth. Simple, reliable design will give years of satisfactory operation.

Specifications:

Abrasive flow rate	In excess of 1000 lbs/hour
Collection pan dimensions	10′ long x 4′ wide x 2′ wide (other sizes available, call for more information)
Overall system dimensions	11′ 2″ long x 4′ wide x 8′ 4″ high
Shipping weight	800 lbs.
Power requirement	8 amps @120 volts single phase

Air Line Regulator

Air Accessories

Miles Supply carries a variety of brass and metal air accessories to meet your air tooling and repair needs. All air parts are available in the standard 3/8″ or ½″ sizes.

Pictured at side: Brass air hose valves with metal shut off handles, air line couplers for quick on/off, air line plugs, hose barbs, adapters, air line menders, and hardened hex nipples.

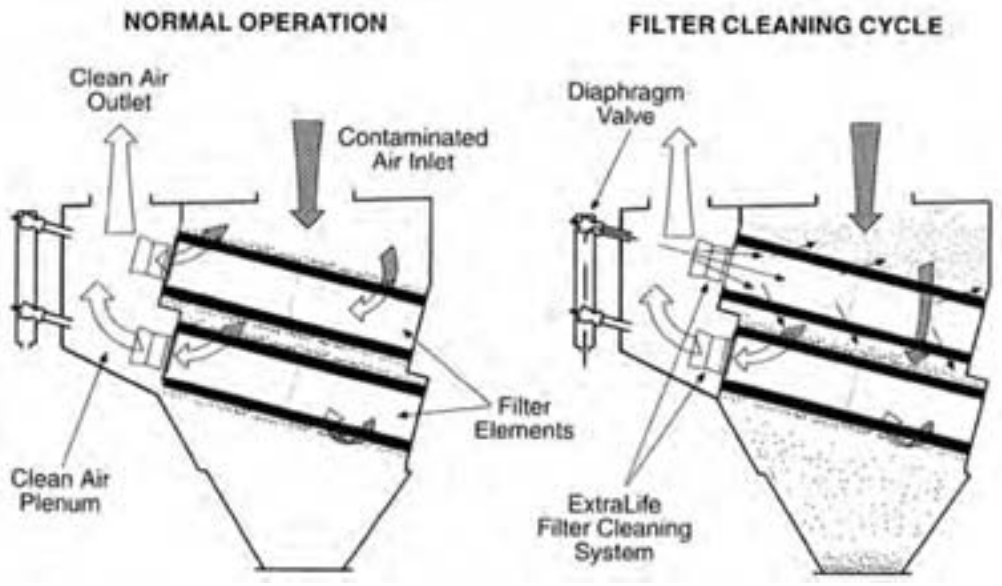
Sandblast Supplies and Equipment

Dust Collectors by Torit®

Tired of that time consuming and messy job of servicing your old dust collector? Miles Supply asks you to consider the Torit Dust Collectors. Designed with inclined cartridges and quick removal access covers, easier maintenance and filter change-out is all but guaranteed. Plus, the new ExtraLife™ filter cleaning system lengthens the life you can expect from your filters. The Checker™ board control panel displays user-friendly color-coded operating and diagnostic information.

Torit EZ Ultra-Web Filter Cartridges

Miles Suppy also carries the patented EZ Ultra-Web filter, which is one of many reasons Torit is the best name in collection systems. With filtration efficiency of 99.9% on particles less than 1 micron, you'll be more than satisfied. Their light weight makes them easy to replace, without the time and mess of the older bag systems.



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Sandblast Supplies and Equipment

Straight duct from 4 to 22 inches diameter.

Standard or custom inlet and outlet connections available.

Drops where you need them. Re-configure without tools.

Easy Duct (TM)

Easy Duct is easy to install. It requires no welds, no rivets and no screws. The components clamp together which eliminates time-consuming and costly joining methods. The Easy Duct is not only quick, it's also strong. Starting with straight pipe in diameters from 4 to 22 inches and adding fittings, branches, elbows, hoods and adaptors that are specially machined so that each connecting end has double rolled edges. Once the Easy Duct clamp (with its built in gasket) is snapped into place, the seal is strong and airtight enough for nearly all dust collection and solid-material conveying applications. It's easy to connect to existing systems, and the clamp-together design allows for faster installation, clean out and system changes.

Apollo 20 HP Helmets by Clemco

Miles Supply recommends the Apollo 20 HP because it protects the operator's head, neck, shoulders and chest from ricochet abrasive while maintaining positive pressure inside the helmet with the incoming air. The box front window provides a clear view and the lenses are economical to replace. The helmet is lightweight and is designed for use with compressed air systems.

Apollo 60 Helmet by Clemco

Miles Supply is also happy to recommend the Apollo 60 because it is the blast industry's most popular and comfortable respirator. The Apollo 60 features double-shell construction, sound-deadening foam, and large window. The Apollo 60 is NIOSH-approved, and protects against lead dust at concentrations 1000 times greater than the permissible exposure limit. Available for use with compressed air (HP Model) or air pump (LP Model).

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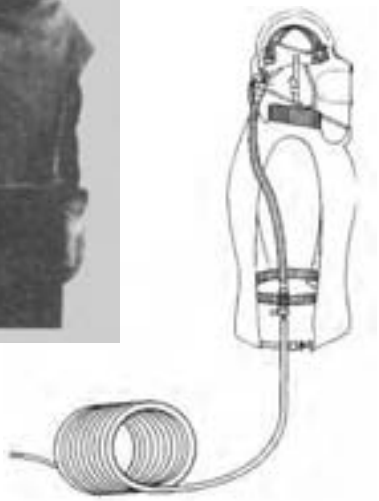
Sandblast Supplies and Equipment



Bullard BH-88 Sandblast Helmet

This air fed helmet provides durable respiratory protection in abrasive blasting operations. The helmet includes inner shell, standard suspension, cape, and chin strap. Wide angle window contains both inner and outer lenses.

Breathing Air Pumps by Bullard

Miles Supply recommends Bullard air pumps to provide filtered air to the hood respirator of one operator. These air pumps do not require CO monitors and there is no need for an air compressor. Replacement filters sold separately.

Sandblast gloves

32" rubber gloves that are great for reaching in through a window and sandblasting. Sold by the pair from Miles Supply.

Marco Personal Air Filter

The New Marco 286 Airline Filters remove moisture, oil mist, particulates and odors from air supply lines when they are used with other compressed air precautions. Configure them to provide clean air to supplied-air respirators or pneumatic tools and systems. Stable, durable, and easy to use and maintain, Marco stands behind their airline filters as the best in the industry.

Canvas Hood

This light duty sandblast hood is a one size fits all unit. It has a 4 ½" X 2 3/8" viewing lens and an adjustable hardhat for comfort and versatility. This hood is not equipped with respiratory hookups.

Sandblast Supplies and Equipment

Stone Tone

Miles Supply's new shadow paint that is specially formulated for the stone industry. Testing was conducted by spraying granite samples, which were then placed in a humidity cabinet. The 4 hour test cycle of condensation and 4 hours of drying was repeated continuously for over 1,000 hours for Stone Tone, and over 800 hours for the competitive product. The result was no visual change in the coating appearance of the granite sprayed with Stone Tone, while the competitor's product began to blister after fewer hours. This is a definite improvement in quality! Available in aerosol, quarts and gallons in all of the popular colors.

Critter Liquid Sprayer #118

The Critter Sprayer is ideal for applying an even coat of paint or other liquid to stone. This unit produces 3 cfm of air at 90 PSI. The spray pattern is always circular and can range from 1/2" to 3 1/2", depending on the pressure setting, viscosity of material and distance held from work piece. The nozzle is adjustable, which allows the operator to determine how much volume of material is applied. Cap fits any standard mason jar. Plastic jars sold separately.

Airmite Spray Gun by Lithichrome

Miles Supply carries the improved Airmite Spray Gun, which now includes a one piece, heavy brass material tube so there are no more breakage issues. For the most effective spray, always use 50 lbs of air pressure and flush after each use.

Sandblast Supplies and Equipment

Electro Stylus Etching Tool

This lightweight detailed etching tool features a two speed, high/low rotary cord switch, a stroke adjusting screw, and comes with various steel, carbide, and diamond tips. Extra tips available upon request. 115 volt, 50/60 cycle, ¾" in diameter. Weight 7oz, length 7".

Foredom Power Tools, Series SM

Miles Supply carries Foredom Power Tools with 1/8 horsepower ball bearing motor at 18,000 rpms. These tools are base mounted and offer a dial variable speed control and 39" shaft. Diamond Sintered tips are also available for all your etching needs.

Dremel Etching Tool

Miles Supply carries the Dremel Etching tool, which is preferred by many. This economical etching tool is available with different points and has five speed settings.

Stencil Knives

A well-designed and user-friendly tool designed for stencil cutting. Comes with 4" blade pre sharpened. Extra blades sold separately.

Diamond Point Sets

Electroplated Diamond matrix attached to a shaft and used for detail work on etchings and light marble carving. Each set has a variety of different shaped heads to meet most needs. Not suitable for granite carving.

Glue Jars
Metal & Plastic

Choose between the traditional metal jar with 2" applicator brush or Miles Supply's plastic glue jar with 1" brush. Extra brushes for Miles Supply's plastic glue jar can be purchased separately.

Danair Auto Hammer

Guaranteed to eliminate lifting of stencil, this pneumatic hammer is an effective method for applying stencil to stone. The hammer operates between 60 and 125 psi and is recommended to use with a Marco airline filter. Air requirement is 2-4 CFM. 6 different tips available depending on your application.

Sandblast Supplies and Equipment

Intertape Brand Anchor Stencil

Style 111 Designed specifically for hand cutting. Panels can be accurately and easily replaced. Superior shape carving. Easier cutting means less wear on instruments. White release liner is easily removable.

Style 123 Designed for machine cutting and less wear on cutting dies. Excellent blast resistance and easy-to-recognize blue liner. Plastic sheet laminated to the stencil eliminates taping during panel transfer to stone, yet allows easy blast-through. Fast clean up.

Style 124 Same construction as #123, with blue liner. A sheet of 1 mil polyester film between outside adhesive and rubber serves to hold letters and designs in place while transferring from computer to die. The holes are punched through the liner and the rubber.

Style 154 Same construction as #124, with blue liner and 1 mil polyester film between outside adhesive and rubber. Holes are IBM configuration, like those punched in computer paper and should be compatible with any tractor feed machine.

Style 154PC Specially treated to enhance cut line visibility.

Anchor Filler

Filler 211 Specifically designed and formulated to produce superior results with stencils styles #111, #112, #117, and #157.

Filler 223 Specifically designed and formulated to produce superior results with stencil styles #123, #124, #124PC, #154, and #154PC.

Filler 333 This remarkable filler is water washable, which minimizes fumes, fire hazards, and waste spills. Best of all, this product lasts twice as long. This filler is compatible with all Intertape/Anchor Stencils.

Carbon Paper (120H/TB)
Used for transferring lettering onto tracing paper. 26" x 39" size available, 5 sheets per roll.

Carboff Paper (SC-B-13)
Also called rubbing paper, this is widely used for taking impressions of shaped carvings, designs and inscriptions. Available in 26" wide rolls.

Rag Paper (RAG-36)
Miles Supply stocks this 16 lb. high quality paper that won't crinkle or crack when folded. Preferred by many in drafting for larger jobs which require an attention to detail. Available in 36" x 50 yd rolls.

Tracing Paper
13.5 lb. tracing paper available in both 36" and 42" widths.
MS-18FF36 36" x 50 yd
MS-18FF42 42" x 50 yd

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Sandblast Supplies and Equipment

3M Stencil

Known for its quality and consistency, 3M continues to be on the leading edge of the stencil product line. Now available with a high contrast yellow backing, 3M Stencil is even easier to work with throughout the different stages of production in your shop.

510 A single liner, low/medium tack stencil for use on stone and pre-painted or soft wood surfaces. Specifically designed for the hand-cutting craftsperson.
519 With a film laminate for use in the stencil press die cut process and with ScotchKut letters and designs. Inner liner supports centers of letters, numbers and designs. Eliminates need to tape during panel transfer to stone, helping reduce handling time and increase production. Consistent thickness eliminates burn through and reduces rework.
520 For machine or hand cutting. Die cuttable with ScotchKut letters and designs if liner is reversed. Easy release transparent liner leads to easier handling and less stencil distortion, improving the final design. Excellent for single-process technique and straight blasting, as well as double process shape carving. Consistent thickness eliminates burn through and reduces rework.
523 A double liner stencil in either friction feed and tractor feed design.

Stencil Cross Reference Chart

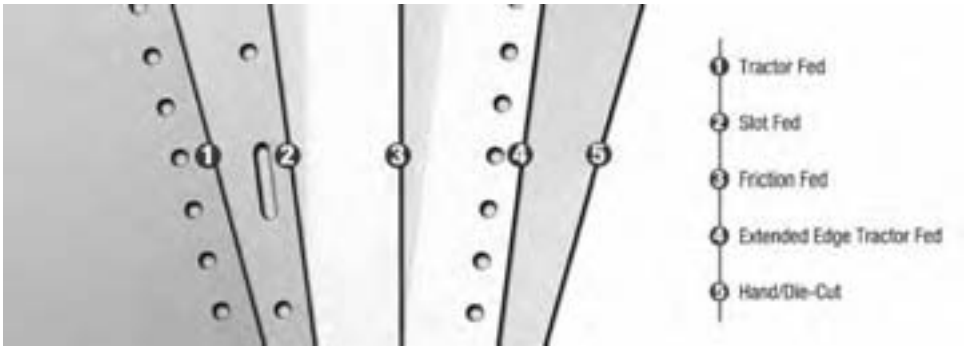
3M	Anchor Continental
Computer Cut	
519T	154, 129
520T	157, 158
519S	124
520S	117
523	N/A
N/A	130 Glass
	153 Friction Feed
Hand Cut	
520	111, 112
510 1st choice	111, 112
507	
N/A	128 for glass
Machine Cut	
509	123
519	

3M Filler Tape #465

Designed for bonding stencil to stone without the mess or the cleanup. Great for repair work or cemetery lettering. Available in sizes from 2" to 8".

3M Filler

3M fillers are rubber based coatings used to increase the holding power of sandblast stencils to surfaces during the sandblasting process. These are critical where finer detail work is needed.
NO. 2 Filler is designed for smooth and polished surfaces. Recommended for use with stencil numbers 517, 519 and 520.
NO. 3 Filler is designed for frosted or waxed surfaces and is the preferred filler for #509 and #519 stencils.



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Sandblast Supplies and Equipment

Sandblast Stencil Products Reference Guide

Brand	Product	Thickness with liner	Thickness without liner	Color	Adhesive	Liner Single / Double	Liner Type	Liner Thickness	Liner Comments	Hand-Cut	Die-Cut	Computer-Cut	Punch Pattern
3M	510	45 mil	43 mil	Green	3 mil	Single	Polyester	2 mil	Easy Release Clear	x	x* *Reverse liner to die-cut stencil		
3M	520	45 mil	40 mil	Tan	3 mil	Single	Polyester	2 mil	Easy Release Clear	x	x* *Reverse liner to die-cut stencil		
Anchor	111	49 mil	43 mil	Tan		Single	Polyproylene		White Release	x			
Anchor	112	48 mil		Tan					Extra Heavy Red		x		
3M	519 (Y)	48 mil	45 mil	Tan	3 mil	Double	Polyester Polyproylene	1.5 mil 2 mil	Clear Translucent White		x		
Anchor	123 (Y)	48 mil	45mil	Tan			Double		Blue		x		
3M	519S (YS)	48 mil	45 mil	Tan	3 mil	Double	Polyester Polyproylene	1.5 mil 2 mil	Clear Translucent White			x	Slot
Anchor	124 (Y)	48 mil	45 mil	Tan		Double	Polyproylene		Blue			x	Slot
3M	519T (YT)	48 mil	45 mil	Tan	3 mil	Double	Polyester Polyproylene	1.5 mil 2 mil	Clear Translucent White			x	Tractor
Anchor	154 (Y)	48 mil	45mil	Tan		Double	Polyproylene		Blue			x	Tractor
Anchor	129	46 mil	45mil	Tan		Double	Polyester		Clear Film			x	Slot
3M	520ETL	47 mil		Tan	3 mil	Single	Polyester	4 mil	Extra Thick	x	x		
3M	520ETLT	47mil		Tan		Double	Polyester		Extra Thick			x	Tractor
3M	520HLR	45 mil		Tan	3 mil	Single	Polyester	2 mil	High Liner Release	x	x		
3M	520S	45 mil	43 mi	Tan	3 mil	Single	Polyester	2 mil	High Liner Release			x	Slot
Anchor	117	43 mil	35 mil	Tan		Single	Polyester		Strong Clear Film	Glass & Wood		x	Slot
3M	520T	45 mil	43 mil	Tan	3 mil	Single	Polyester	2 mil	High Liner Release			x	Tractor
Anchor	157	43 mil	35 mil			Single	Polyester		Strong Clear Film	Glass & Wood		x	Tractor
Anchor	158	44 mil	35 mil	Tan		Single			Strong Clear Film	Stone & Wood		x	Tractor
3M	523T	49 mil	43 mil	Tan	3 mil	Double	Polyester Polyester	2 mil 4 mil	Easy Release Clear Easy Release Clear			x	Tractor
3M	523F	49 mil	43 mil	Tan	3 mil	Double	Polyester Polyester	2 mil 4 mil	Easy Release Clear Easy Release Clear			x	Friction
Anchor	153	41mil	33 mil	Tan		Single	Polyester	5 mil	Film	Glass & Wood		x	Friction
Anchor	128	24 mil	18 mil	Tan		Single			Paper	x	Glass		
Anchor	130	24 mil	18 mil	Tan		Single			Paper	Glass & Tile		x	Friction or Tractor

Fillers

Brand	Product	Coating Base	Color	Consistency	Available Sizes	Application
3M	2	Rubber	Light Beige	Syrupy	Quarts, Gallons	Designed for smooth & polished surfaces, More aggressive than #3
3M	3	Rubber	Light Beige	More viscous than #2	Gallon	Typically used on axed or frosted surfaces
Anchor	211	Rubber	Light Beige	Syrupy	Gallon	Best used with styles #111, #112, #117, and #157
Anchor	223	Rubber	Light Beige	More viscous than #211	Gallon	Best used with styles #123, #124, #124PC, #154, and #154PC
Anchor	333	Rubber	Light Beige	Syrupy	Gallon	Water washable, lasts twice as long, use with all Anchor stencil.

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Sandblast Supplies and Equipment

MODIFIED ROMAN

ABCDEFGHIJKLMN
OPQRSTUVWXYZ
1234567890

Small Sizes: 3/4", 1", 1-1/4", 1-1/2", 1-3/4"
Large Sizes: 2", 2-1/4", 2-1/2", 2-3/4", 3", 3-1/2"

MODIFIED ROMAN HEAVY BAR

Available in: 3/4", 1" & 1-1/4"

MODIFIED ROMAN (RAISED LETTERS)

ABCDEFGHIJKLMN
OPQRSTUVWXYZ
1234567890

Small Sizes: 3/4", 1", 1-1/4", 1-1/2"
Large Sizes: 1-3/4", 2", 2-1/2", 3", 3-1/2"

VETERAN

ABCDEFGHIJKLMN
OPQRSTUVWXYZ
1234567890

Sizes: 1/2", 3/4", 7/8", 1-1/8", 1-1/2"

CONDENSED ROMAN

ABCDEFGHIJKLMN
OPQRSTUVWXYZ
1234567890

Small Sizes: 3/4", 1", 1-1/4", 1-1/2", 1-3/4"
Large Sizes: 2", 2-1/2", 3", 3-1/2"

DOUBLE OUTLINE

ABCDEFGHIJKLMN
OPQRSTUVWXYZ
1234567890

Small Sizes: 1", 1-1/4", 1-3/8", 1-1/2", 1-3/4"
Large Sizes: 2", 2-1/2", 3", 3-1/2", 4"

POLISHED EDGE

ABCDEFGHIJKLMN
OPQRSTUVWXYZ
1234567890

Small Sizes: 3/4", 1", 1-1/4", 1-1/2"
Large Sizes: 2", 2-1/2", 3"

COMMON GOTHIC

ABCDEFGHIJKLMN
OPQRSTUVWXYZ
1234567890

Small Sizes: 3/4", 1", 1-1/4", 1-1/2"
Large Sizes: 2", 2-1/2"

VERMARCO DOUBLE OUTLINE

ABCDEFGHIJKLMN
OPQRSTUVWXYZ
1234567890

Small Sizes: 1", 1-1/4", 1-1/2"
Large Sizes: 2", 2-1/2", 3", 3-1/2"

SHADOW OUTLINE

ABCDEFGHIJKLMN
OPQRSTUVWXYZ
1234567890

2", 2-1/2", 3", 3-1/2" (numerals not included)

CLASSIC ROMAN

ABCDEFGHIJKLMN
OPQRSTUVWXYZ
12457890

3/4", 1", 1-1/4", 1-1/2"

HEBREW

מלךכיטחזוהדנבא

לתשרקעצפפסעמנ

3/4", 1", 1-1/4", 1-1/2"

MODERN ROMAN

ABCDEFGHIJKLMN
OPQRSTUVWXYZ&
1234567890 ..'()-

3/4", 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3"

This is simply a guide to illustrate the styles of lettering available in Scotch-Kut Lettering Systems. Individual letters may vary in some cases from those shown above.

OLD ENGLISH

ABCDEFGHIJKLMNOP
QRSTUVWXYZ 1234567890
abcdefghijklmnopqrst uvwxyz
& . , ' - ()

3/8", 1", 1-1/4", 1-1/2", 2", 3"

VERMARCO

ABCDEFGHIJKLMN
OPQRSTUVWXYZ
1234567890--

5/8", 3/4", 1", 1-1/4", 1-1/2", 1-3/4", 2", 2-1/2", 3", 3-1/2"

GOVERNMENT

ABCDEFGHIJKLM
NOPQRSTUVWXY
Z 1234567890-- ' .

1/2", 3/4", 7/8", 1-1/8", 1-1/2" (numerals included)

SKS Letters and Designs

Miles Supply has access to all of the SKS letters and designs. Give us a call and we'll get you the style you're looking for.

Abrasives

Dupont Staurolite

An expendable abrasive often used for on site lettering or shaping. Actual grit sizing ranges between 30-36 grit. Excellent for mobile sandblast units. Packaged in 50-LB bags.

Dupont Starblast

Finer in grit size than Staurolite, this abrasive is more suited for shape carving and lettering along with light dusting of materials other than stone. Grit size is #60. Packaged in 50-LB bags.

Ceramic Abrasive

Miles Supply is happy to introduce the all new Ceramic Abrasive to the sandblast industry. Stocked in #36 and #46 grits, Ceramic Abrasive lasts longer than standard Aluminum Oxide. A proven product on granite and marble that is ENVIRONMENTALLY SAFE. Ceramic Abrasive is a great product for outdoor blasting. Available in other grit sizes upon request.

Silicon Carbide by Washington Mills

Miles Supply carries a wide variety of silicon carbide material ideal for both sawing and polishing. Grits available: #30/60, 46/70/, 60/90, 90spl, 120, 240, 3F, 4F. Packaged in 50-LB bags or 300-LB fiber drums.

S170 Steel Shot

Rounded steel shot popular for its whitening effect and extremely long life, this material remains very efficient for most sandblasting duties. Packaged in 50-LB bags.

Aluminum Oxide-Fine Grit by Washington Mills

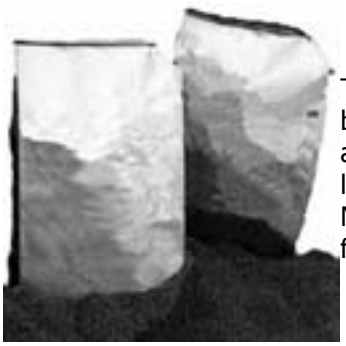
For polishing or light sandblasting, the following grits are available: #500, 600, 12.5, 14.5, 17.5, 9.5, K5, 180. All packaged in 300-LB fiber drums. Smaller quantities available upon request.

Buffing Powder

Miles Supply carries A-8 Aluminum Oxide used for final buffing of stone using felt buffing wheels.

Aluminum Oxide

Fast Blast**,** an exclusive product from Washington Mills for Miles Supply, is a pure aluminum oxide that surpasses any other in its field. A great alternative to Aluminum Zirconia material. Packaged in 50-LB bags. Grits available: #36, 46, 50, 60.



Silicone Carbide Wiresaw Abrasive

This grain is available for both polishing and sawing, and packaged in both 50 lb bags and 300 lb drums. Miles Supply stocks grits from 30/60 to 600.

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Montrose, PA
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St. Cloud, MN
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Think outside the box

Straight #4[illegible] Grit Avail-able

Still using Norton Stoneblast? Forget about it! Everyone is telling us how great our MilezBlast sandblast media works. A whopping 149 satisfied customers have made the switch to MilezBlast Alumina Zirconia. You could be next! Call today and think outside the box!

Sinterball

An excellent alternative to steel shot. This material is also ideal for whitening panels. Available in two grits, #20/40 and #40/70. Also used locally by manufacturers for general sandblasting duties. Packaged in 50-LB bags.

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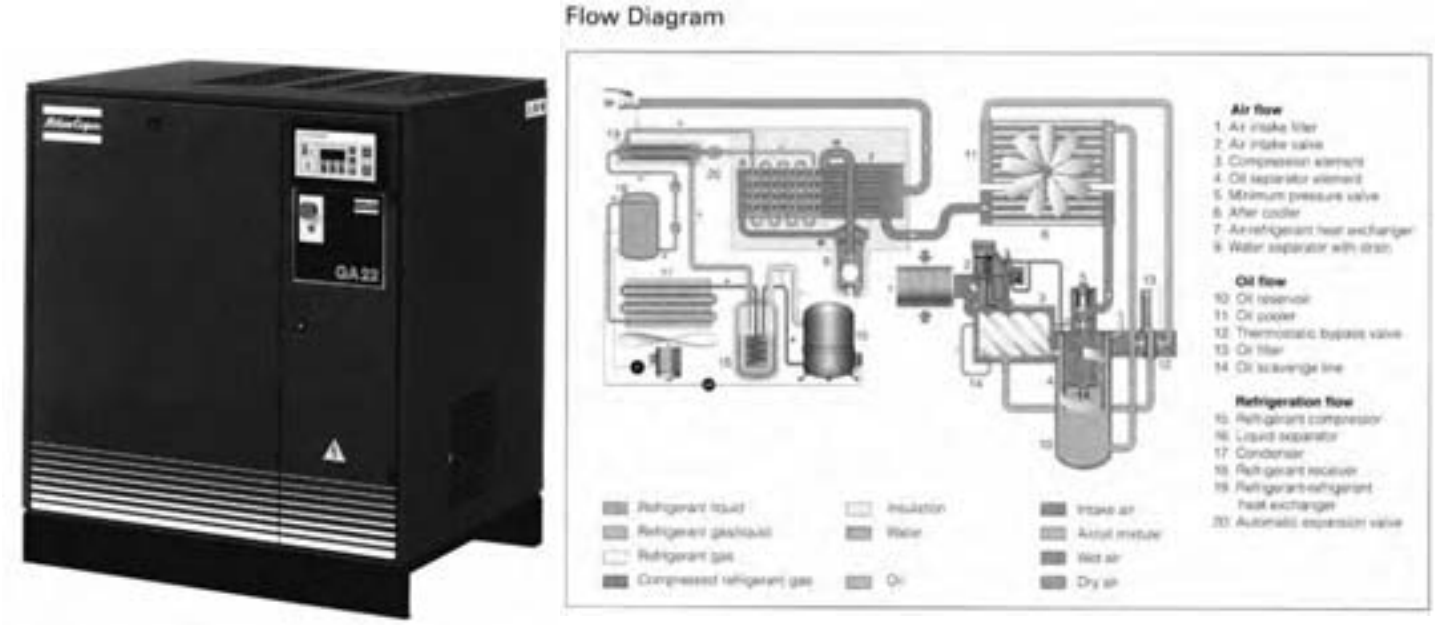
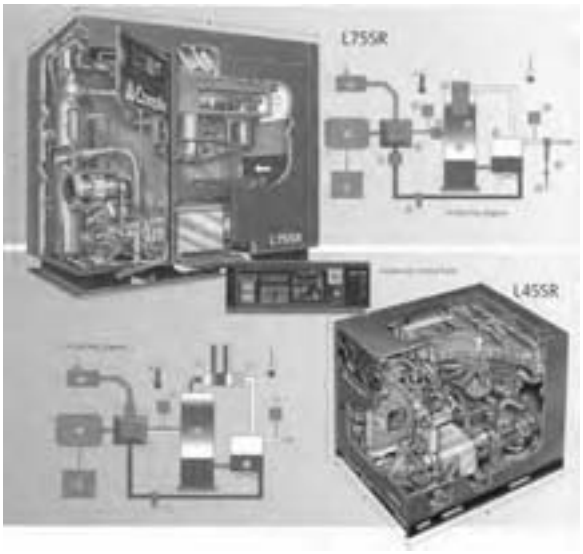
Compressors



Atlas Copco Compressors

Miles Supply is very proud to announce its distributorship of a very popular name in air compressors, Atlas Copco. Known for quality, consistency, and energy efficiency, Copco builds nothing but the best. Let Miles Supply and Atlas Copco assist you with any of your air supply needs.



Comp Air Compressors

Miles Supply is proud to offer Comp Air Compressors, a leader in the industry. Known for their efficiency and variable speed drive motors, the Comp Air stationary units are ideal. Please call Miles Supply to find out which model is right for

Compressors

Great for Cemetery Lettering

Kaeser M12/M14 Portable Compressor

The Kaeser M12/M14 portable compressor offers the following advantages:

- Single stage, oil injected rotary screw airend with power-saving proprietary Sigma profile
- M12: Fad cfm 45 @ 100 psig, M14 Fad cfm 50 @100 psig
- Bhp 16 @ 2800 rpm
- Briggs and Stratton, 4 cycle, V-Twin, industrial duty engine
- Rated 18 hp @3000 rpm
- Uses lead-free gasoline only
- Low Engine oil pressure and high discharge air temp.
- Engine start and stop switch
- Modulation control allows for variable demand loads
- Pneumatic inlet, modulation and vent valve

Standard Equipment includes:

- Wheel mounted package with pneumatic tires
- Protective sheet metal enclosure with durable powder coated finish
- Vibration isolation
- Hinged bar handle for easy maneuvering
- Discharge isolation valve

Specifications for M12/M14

- 350 pounds
- Length 40.25 inches
- Width 33 inches
- Height 34.25 inches

Kaeser M26 Portable Compressor

The M26 is a tough, dependable unit with versatility. It is well suited for many applications including sandblasting, pavement breaking and general air tool use. Optional features include skid mounting and complete line of air tools.

Standard Equipment includes:

- Direct drive rotary screw airend: Sigma profile produces more air with less fuel consumption
- Rotomolded polymer canopy is scratch and dent resistent
- 4 micron, 2-stage compressor inlet filter with maintenance indicator
- 10 micron engine air filter with maintenance indicator
- Thermostatically controlled combination valve maintains optimum operating temperature and prevents tool freeze up
- Heavy duty, 3-cylinder Kubota diesel engine complies with 1998 EPA emissions standards
- Tool box for convenient storage
- Highly effecient cooling system
- Modulation control
- Lighting package

Atlas Copco Portable Air Compressors

Miles Supply carries Atlas Copco, the world leader in portable compressors. These units feature a fully automatic stepless speed regulator which constantly adapts the engine speed to the air demand. You can count on economical power consumption, low fuel consumption and continuous air flow at stable pressure. Compressors have automatic safety shutdown as standard equipment. Capacity is from 74 CFM to 185 CFM, continuous modulation unloader, 27.4 BHP engine, and 10.6 diesel fuel capacity.

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Cemetery Supplies

Barre Pak Epoxy

Barre Pak is the special epoxy designed expressly for the stone industry. It can be used to permanently bond a monument to its base, and to repair broken tablets. Barre Pak is easy to use because everything has been pre-measured and is mixed in its own container with no mess! Miles Supply carries the 70 gram kits, which will adhere the average monument (3′ x 2′ 6″ x 8″) to its base. The working life of the 70 gram Barre Pak kit is approximately 1 to 1 ¼ hours, with temperatures under 50°F increasing tac time, and temperatures above 100°F decreasing tac time. Barre Pak epoxy takes 24 hours to cure fully. A great solution for safety and to deter vandalism!

CP Bond Epoxy

CP Bond is used to permanently bond a monument to its base and to repair broken tablets, monuments and marble. CP Bond is better suited for vertical surfaces due to its thicker consistency that will not run. It is widely used for the assembly of mausoleums. Miles Supply stocks 250 and 500 gram kits, but can special order 2, 3, 4, 6, or 8 lb. kits. The entire contents of the kit must be mixed at the same time and will allow a working time of approximately 4 to 6 hours. Temperatures under 50° F will increase tac time, and temperatures over 100° F will decrease tac time. CP Bond takes 24 hours to cure completely. A 250 gram kit will set up to 3 standard size monuments (3′ x 2′ 6″ x 8″), and a 500 gram kit will set up to 6 standard size monuments.

Setting Compound

Miles Supply Set Rite, is a premier setting compound. Always fresh and ready to use. Available by the case (4 gallons), or by the gallon. Colors available: Light Grey, Dark Grey, Mahogany.

3M Scotch Weld

A wide variety of mixtures available for any situation. Very popular for its cartridge style system and the self-mixing tube, these enhancements also makes Scotch Weld easy to use with very little waste.

Scotch-Weld Adhesives in Duo-Pak Cartridges

Product (Color)	Features	Mix Ratio (Volume) B:A	Approx Viscosity 75°F	Approx Worklife at 75°F	Avg T-Peel at 75°F	Overlap Shear Strength PSI			
						-67°F	75°F	180°F	250°F
DP-100 Plus Clear	Water Clear Fast Cure Good peel & shear strength	1:1	8,500	4 min.	13	3000	3500	200	150
DP-105 Clear	Water Clear Fast Cure Very Flexible Excellent Peel strength	1:1	6,500	5 min.	35	3500	2000	150	100
DP-110 Gray	Fast cure adhesive Flexible epoxy 30 min. handling strength	1:1	55,000	9 min.	15	2000	2500	200	150
DP-125 Gray	Medium worklife Good peel strength	1:1	52,500	25 min.	35	3400	4300	400	200
DP-420 Off White	Medium worklife adhesive Toughened epoxy 1-2 hrs handling strength	2:1	45,000	20 min.	50	4500	4500	450	200
DP-460 Off White	Long worklife adhesive Toughened epoxy 2-4 hrs handling strength Longer worklife DP-420 Adhesive type product	2:1	45,000	60 min.	60	4500	4500	700	200

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Cemetery Supplies

Astra 24k

Super Transparent Polyester

This super-clear, two component polyester mastic is designed for the bonding, laminating and filling of natural stone. It has excellent adhesive strength and the superior resins and a special liquid hardener makes Astra 24k crystal clear and resistant to UV rays. It will not yellow after curing and is perfect for light colored stones and transparent seaming.

Platinum Clear Polyester Adhesive

Akemi's Platinum Clear Polyester Adhesive dries clearer than all other transparent adhesives and mixes truer with colors.

AKEPOX® 2010

The Gel Consistency of Akepox 2010 is for fine bonding joints on vertical surfaces with easy color matching.

AKEPOX® 2030

Akepox 2030 has a creamy consistency which makes it perfect for bondings on vertical surfaces and leveling of big irregularities. Has non-sag properites and rapid hardening. Also is easy to match color.

AKEPOX® 2040

Akepox 2040 is a paste and is for bondings on vertical surfaces and leveling of big irregularities. It has high non-sag properties and good adhesion on metal.

Akemi Coloring Kit

For either Polyester And Acrylic Adhesives or Epoxy Based Adhesive easy color matching with 8 assorted colors including white, green, blue, ochre, red brown, brown, red and black. Also available in individual colors.

Akemi Adhesives

Miles Supply carries a full line of Akemi adhesives for all your needs. Please call today to chose the product that's right for your project. From Transparent Flowing, Transparent Knifegrade, Waterclear Flowing and Super Acrylic Penetrating, we have the adhesive you need.

Akemi Silicone

Miles Supply also offers Akemi Silicone (not pictured), as well as the full line of Akemi products.

Mastice 2000
Polyester Adhesive Flowing

This two component flowing polyester is strong, perfectly transparent and hardens quickly. The high quality, unsaturated resins that are used allow deep penetration into the stone to create an excellent adhesion while also retaining the ability to work with it. Is resistant to most chemicals found in oils, fats, detergents and solvents. Can be color tinted with our special designed Polyester Coloring Tints.

Mastice 2000
Polyester Adhesive Knifegrade

This is Bellinzoni's two component knifegrade polyester which has a high viscosity adhesive that is designed for bonding to upright surfaces. It hardens quickly and provides excellent adhesion. Just like the Flowing Mastice 2000, the Knifegrade is resistant to most chemicals and can be tinted with the special designed Coloring Tints.

Cemetery Supplies

Setting Cushions

Grey PVC setting cushions available from Miles Supply vary not only in size, but also in thickness. This will offer more than enough compressive strength for your application. The most common size is 1" square by 1/16", 1/8", and ¼" thick.

Wedge Lead

Still popular among setters, wedge lead is used to avoid joint compression on setting compounds. Available in four thicknesses (1/4", 1/8", 3/16", ½") from Miles Supply.

Custom Bond

Custom Bond (formerly known as E-Bond), a white paste epoxy is a two part epoxy adhesive. This is great for bonding natural stone and concrete. It is recommended for exterior applications and applications requiring durable bond strength. It is also non-abrasive to dispensing equipment.

Poly-Sil

Miles Supply offers this 100% silicone caulk-sealant because of its excellent adhesion, flexibility, and water reistance. Poly-sil also has low odor and is tack free in 2 hours and is available in a broad range of colors.

Setting Bars

Miles Supply setting bars are made of 1 ¼" steel square stock and are most popular in the 50" length. Need one made just a little different? No problem, we can special order any size with just about any specifications you're looking for.

Name Plates

These metal plates may be obtained either flat or shaped with a choice of standard imprint styles on aluminum, black aluminum or stainless steel. With standard lengths of 2", 2 1/2" and 3" you can choose the best size to identify your craftsmanship in the cemetery. These inexpensive plates will pay for themselves!

K Bond

Mile Supply carries this popular product that's known for its similarity to "Akemi" epoxies. K Bond adhesives mixing ratios vary depending on desired gel and cure times. Available in flowing or paste form. Colors include transparent, clear, white and buff.

Green Sealer

Miles Supply carries this industry standard permanent sealer which remains pliable and tacky. Holds items, such as vases or monument photos, in place until epoxy or silicone sets up. Available in 5/16" diameter and 20' length.

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Miles Supply Cleaners

Acid Stain Remover

Designed specifically for the stone industry, Miles Acid Stain Remover will remove those difficult, deep stains. Mixing 50:50 with water makes it easy to use. Available by the gallon. Always follow the directions and safety precautions when using cleaners. Available by the gallon, 5 gallons or 55 gallon drum.

Scrub Brushes

Miles Supply carries 9" peanut shaped or long and short handle wooden scrub brushes for all of your cleaning needs.

Stone Wash

Designed for the regular wash stand applications. Popular in the manufacturing plants for that final wash before crating and shipping the stone. Will remove any residue from the manufacturing process. To be mixed 50:50 with water. Available by the gallon, 5 gallons or 55 gallon drum.

Citrus Filler Remover

Designed to remove filler from sandblasted stones. A very popular item used in the shop or in the cemetery. Available by the gallon from Miles Supply.

Clean Stone

Designed for those weathered stones in the cemetery. Miles Clean Stone is ready to use and is available in spray containers. Always follow the directions and safety precautions before using. Available by the gallon, 5 gallons or 55 gallon drum.

Stain Lift -Aerosol

Otherwise known as "dry white powder," this multi-purpose cleaner is specially formulated for stone for removing deep oil and grease stains. Miles Stain Lift is available individually in the 15 oz. aerosol cans or 12 cans per case.

Pressure Washer

Miles Supply carries the powerful Karcher 5.0 HP four stroke Honda engine washers that provide outstanding efficiency for any cleaning task. Pneumatic tires allow easy maneuverability on rough ground often found in cemetery settings. Miles Supply also offers the 4 HP and 6.5 HP models, along with a smaller 520 M electric model.

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Miles Supply Cleaners

MultiClean
Daily Stone Cleaner
MultiClean is a Ph balanced, heavy duty concentrated detergent specifically for deep cleaning stone surfaces without removing the natural shine. It may be used on all stone regardless of finish.

Paste Wax
Special Preparation Wax
Special Preparation is a high grade wax for marble, granite, travertine and other stone surfaces. Special Preparation is a quick drying formula that penetrates the stone, giving the stone a superb, long lasting sheen while deepening the color. Not to be used on floors. Recommended for professional use only.

Ever Shine
Long Lasting Wax for Floors
Ever Shine Liquid is specifically designed to leave a long - lasting, warm shine. This polish is designed to last through several cleaning operations.

Liquid Wax
Special Preparation Liquid Wax
Liquid Wax is designed specifically for polishing marble, granite, and travertine. Perfect for polishing corners, edges and areas where waxing may be difficult. Liquid Preparation is easy to use and dries quickly. Excellent for floors. Recommended for professional use only.

Stone Polish
Clean and Polish Spray
Stone Polish Spray is specifically designed to clean, polish and maintain marble and granite. Perfect for the daily cleaning of countertops, bathroom vanities and mantles. Can also eliminate waterspots. Perfect for hard to reach baseboards and moldings.

Oil and Grease Remover
A creamy paste which can be easily applied with absorbent substances for removal of fat, oil and wax stains and discolorations in border areas arising from plasticizers in sealing materials on all kind of natural and artificial stone.

Poly Wash
Daily Floor Clean & Polish
Poly Wash is a stone soap made specifically for the quick and easy maintenance of natural and agglomerated stone. It cleans floors while maintaining the polish on natural or waxed floors.

Anti-Graffiti
Akemi's Anti-Graffiti Protective coating acts as a barrier against graffiti from aerosol paint, felt tip pens and ink. It can be used for facades, buildings and monuments. It is also suitable for absorbent mineral bases such as natural and artificial stone, concrete, bricks, plaster etc.

Graffiti Remover
Akemi's Graffiti Remover has a gel consistency and is based on highly effective solvents which remove aerosal spray graffiti and the like from unprotected mineral bases and other solvent-resistant surfaces.

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Safety Equipment

Moldex Jazz Band Hearing Protectors

Miles Supply recommends this product because the unique design allows the user to install the ear piece without touching foam, which keeps dirt and other particles out of the ear canal. The plastic band is comfortable for extended wear, and there is an extra pair of foam pads included. NRR rating of 25. Bags of replacement pads can be purchased separately.

MultiMax Foam Ear Plugs

The dual size on each end allows a custom, comfortable fit for nearly every ear. The yellow end is shaped for smaller ears, while the orange end is for medium or large. Miles Supply sells these foam ear plugs in boxes of 200 pairs. NRR rating of 31.

Classic Foam Ear Plugs

Miles Supply offers these ear plugs with slow recovery PVC foam which expands gradually to guarantee a secure and comfortable fit. Sold by the box with 200 pair per box. NRR rating of 29.

Tasco Pionear Ear Muffs

Miles Supply carries this particular ear muff because it is manufactured from high quality materials for comfort and durability. The soft seal ear cushions provide a comfortable, secure seal. NRR rating of 25.

Quiet Reusable Foam Ear Plug without cord

Built-in flex foam stem assures easy insertion and removal, and allows wearer to adjust plugs for a comfortable fit. Smooth outer skin is non-irritating, soil-resistant, and washable for safe re-use. Bright orange color makes compliance checks easy. Each pair is packaged in convenient reusable flip-top box. Made in USA.

3M 1100 Foam Earplug

Soft, comfortable ear plugs that conform to the unique shape of each ear for excellent hearing protection and comfort. Tapered to comfortably fit the ear canal. Recommended for high noise situations (up to 100dBA TWA). Noise Reduction Rating: 29 dB.

Peltar Twin Cup Ear Muffs

Miles Supply offers these ear muffs with their unique dual shell design, which blocks out high frequency noise. This ensures sustained, uniform attenuation in severe noise environments. NRR rating of 29.

Safety Equipment

Eye Protection

Miles Supply's selection of eye protection offers economically priced glasses with adjusting temples to ensure a comfortable fit. This will also keep the glasses from sliding down when worn. Clear and yellow lenses are available and all eye protection sold meets OSHA regulations.

Rain gear

Yellow 35mil pvc on polyester 48" long raincoat with drawstring and detachable hood. Sold in sizes S, M, L and XL by Miles Supply for sandblasting applications.

Empire Canvas Sandblast Jacket

You will quickly find the Empire Canvas Sandblast Jacket to be your first choice when sandblasting. Lightweight and breathable, this jacket is comfortable to wear even on the hottest days. Available in S – XXL sizes.

Rubber Polishing Apron

Miles Supply's rubber aprons are perfect for the hand polisher application as well as many other tasks. Measuring 46" in length and 35" wide, this one-size-fits-all will keep you dry.

Stone Cutters Leather Apron

Miles Supply has been selling these aprons to stone cutters for years. Known for durability, this 24" x 24" leather bib will protect you from those dangerous stone chips when trimming or shaping stone.

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Safety Equipment

Dust Mask 3M #8210

NIOSH/MSHA approved paper mask by 3M protects you from light duty dust or misting from general processing of stone. 20 per box.

Dust Mask 3M #8500

Used for nuisance dust such as pollen or other non-toxic airborne particles. 50 per box.

3M #8511 Dust Mask with Filter

NIOSH Approved: N95. This 3M 8511 respirator has a one way flow valve for easy breathing. It is a one size fits all and comes with new durable and comfortable straps. 10 per box. Please contact us if you are interested, as this is a special order product.

NS 7210 Particulate Respirator

Here's a reliable respirator that's comfortable and won't stretch your budget. Provides minimum 95% filter efficiency against solid and non-oil based particulates. Adjustable noseclip reduces fogging and offers a secure fit. The soft inner shell material and padded nosepiece mean all-day comfort. NIOSH approved. Manufactured inan ISO 14001 certified facility.

3M Particulate Filter 2071

NIOSH approved for environments containing certain oil and non-oil based particles. Use with 3M™ Respirators 5000 Series or Cartridges 6000 Series with 3M™ Adapter 502, 3M™ Facepieces 6000 Series, or 3M™ Facepieces 7000 Series with bayonet filter holders. When properly fitted, use in a variety of applications such as grinding, sanding and welding for concentrations up to 10 times the Permissible Exposure Limit (PEL) with half facepieces or 50 times PEL with full facepieces.

3M Half Facepiece Respirator 7502

This medium half facepiece was designed with the wearer in mind. Its soft sealing surface, along with a uniquely designed, 3M™ Cool Flow Exhalation Valve, enhances wearer comfort and face fit. It's made from a durable silicone and can be used with any of the 3M™ Filters and Cartridges, Series 2000, 5000, 6000 and 7093.

MSA Advantage 200 Respirator with P-100 filters

NIOSH Approved: N95;P100;R95. MSA Advantage 200 respirator facepiece is one of the most durable and heavy duty mask Miles Supply carries. Protection against particulates under the 42 CFR 84 P100 classification. This unit comes with adjustable straps and has the option of replacement cartridges. P-100 filter cartridges are available separately in packages of 2.

GMA - P100 filters

Provide protection from organic vapors and particles. 99.97 effecient against particulate aerosols including oil based.

Dustfoe 88 Respirator

Miles Supply offers one of the most popular respirators in the industry. The Dustfoe 88 is not only comfortable, but excellent for filtering dust and mist. The N95 filters are a particulate filter with 95% efficiency level. The Dustfoe is approved by MSHA-NIOSH and by the US Bureau of Mines for protection against toxic dust.

Diamond Products

Osaka Industrial Diamond Products

Smile Silent Cores

Miles Supply offers these revolutionary silent cores because they retain 98% of the original strength of the steel, and can be retipped many times. They are much quieter than standard or other types of "silent cores."

Diamond Segments

Osaka produces a full range of diamond segments for retipping blades from 14" to 11'6". Miles Supply also carries a full line of segments for diamond milling wheels. Osaka can provide anything for your diamond stoneworking needs. Please contact Miles Supply for a quote on your diamond product requirements. Our technical staff concentrates on service to keep you, our customer, satisfied.

Diamond Wire

Manufactured by Osaka Diamond exclusively for Miles Supply, ACE Diamond wire is just that. It is designed for free cutting and high production at a competitive price. Proven in quarrying, manufacturing, and contour applications in North America. Available in 8.5 mm, 10.5 mm, 11 mm and 11.5 mm beads.

Sheave Liner

A soft plastic liner that cushions the wire which produces less waste and allows for multiple joints on a wheel. Mounts easily and fits all standard rim sheaves. Available from Miles Supply in both the flat style and pre-shaped rubber.

Osaka Air King

Another quality product from Osaka Diamond, the Air King was created to replace the continuous rim diamond blade. Its unique diamond configuration ensures a quality cut with a smooth finish. Available exclusively from Miles Supply in 6" and 7" sizes.

Osaka Laser Pro

With Osaka's original design, this diamond blade has set the standard for small blade performance in the industry. Available in 4, 5, 6, 7, or 8" diameter with countersunk holes for use with brass or steel adapters, exclusively from Miles Supply.

Osaka Granite Masters

Exclusive to Miles Supply, these industry known Granite Master blades by Osaka offer a unique design. The design enables free cutting and optimum performance and is available in 4, 5, 6, 7 or 8" diameter with countersunk holes for use with a brass or steel adapter.

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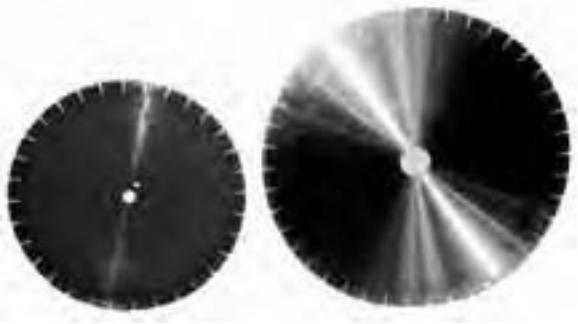
Diamond Products



Bluestone Blades

Miles Supply is proud to offer a variety of diamond blades to cut all Bluestone. You tell us the parameters you want to run the machine, and we'll match you up with the right blade at the right price.

Disco-SEA Diamond Blades

Miles Supply now offers the stone industry products from DISCO-SEA. Known throughout the world for quality, consistency, and competitively priced products, DISCO-SEA and Miles Supply are committed to deliver only the best products, backed by service second to none.

Miles Quick Cutter

A very aggressive segmented blade. The original style will meet any demand on hard stone.

Concave Cutter

Miles Supply's concave cutter will accurately and safely cut a curved area cleanly. Available in 5" size, this blade is used mainly for cutting out sink holes in countertops, but also has great potential for other applications.

Miles Supply brings you a new level of customer service: The Retail Road Show.

We're on the road visiting our customers with all the latest and greatest supplies for the stone industry.

The idea is that by meeting our customers where they work, the whole shop will have an opportunity to see first hand the newest products in our industry. We'll also have an on-board inventory of stencils, filler, cleaners, sandblast material, hand tools, nozzles, polishing pads--you get the picture. So, what are you waiting for? Call us today and get your name on the list. The **Miles Supply Retail Road Show**. Coming soon to a town near you.

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St. Cloud, MN
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Asphalt & Concrete Diamond Products

A Cut Above the Rest
For 50 years, Miles Supply has provided the most comprehensive line of tools and equipment for cutting stone. We are now proud to also offer the newest products available to the concrete and asphalt industry—and always with the service to back them up! Stop by our fully-equipped showroom or speak to one of our expert sales staff to see how we can help you get what you need, to get the job done right.
DITEQ
Miles Supply
Celebrating 50 YEARS
The Stone Industry's Cutting Edge
www.milessupply.com
Authorized ICS and Diteq Dealer

Ironman Signature

T Seg

Hurricane Signature

Concrete Cutting Blades
Miles Supply offers a full line of concrete and asphalt blades, including the popular T Seg, Hurricane Signature, and Iron-man Signature. Please call today to let one of our sales staff find the blade that's right for you and your job.

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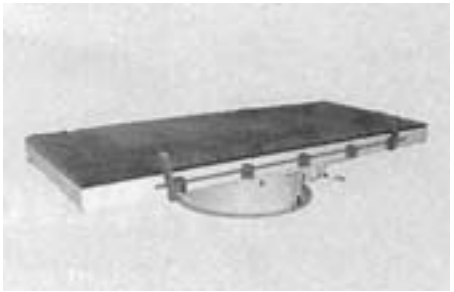
Machinery and Equipment

Spielvogel Circular Block Saw "2700 Simplex"
Another strong block saw for granite, marble and sandstone with new PLC control for blades up to 11'-5 1/8" diameter with a cutting depth of 4'-11 1/16".

Spielvogel Circular Saw "Star"
This massive saw has low overall height, but a rise and fall for a blade diameter of 3' - 11 1/4" and a cutting depth of 20". This machine is fast with an infinite number of speeds on all axes. Includes special steel sheeting for all guides and the efficient Spielvogel MX sawing motor that can be tilted up to 90º.



Spielvogel Turntables
These turntables have electrical and manual rotation and can be loaded with up to 25 tons and more.

Spielvogel Circular Block Saw "Mega Star"
This is a strong and proven block saw for granite, marble and sandstone with new PLC control for blades up to 2' - 3 " in diameter with a cutting depth of 3'-7 5/16".

Spielvogel Circular Saw "Colibri Simplex"
A great saw with a bridge without vibrations for blades of diameter up to 32" and a cutting depth of 12-5/8". The infinitely adjustable motors with very high speeds and the strong Spielvogel MX sawing motor that can be tilted up to 90º.

Spielvogel Diamond Wire Saw "Python"
A stationary and travelling diamond wire saw for blocks as well as contouring with cutting depths up to 8'-6 3/8" and lengths of blocks up to 16'-4 7/8".

Machinery and Equipment

Automatic Bush Hammering/Flaming/ Sandblasting

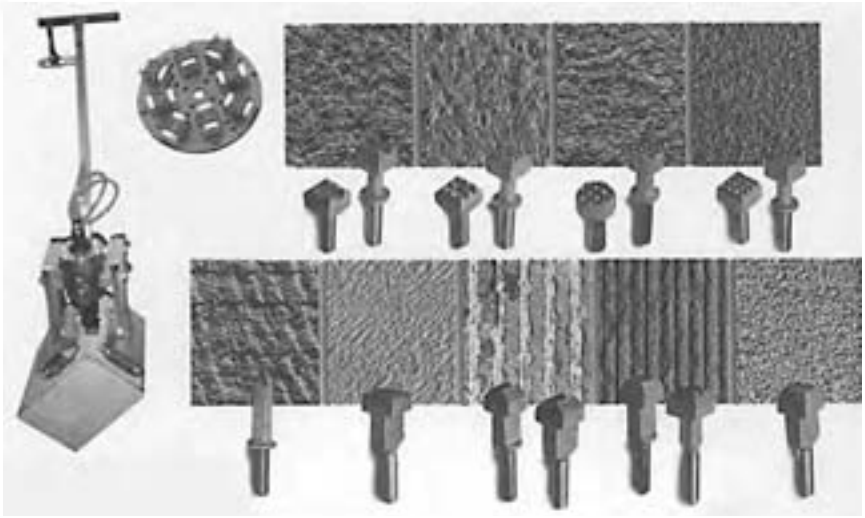
Miles Supply now offers Automatic Bush Hammering/Flaming/ Sandblasting machines for creating that unique finish you're looking for on tile, treads, and slabs. With over 9 different finishes available, you're sure to find the one you're looking for. The machine is fully automatic and is available in a variety of sizes and styles to fit your needs. Please give us a call if you would like more information on this product line, we're happy to assist.

Spielvogel Pelican

Perfect for processing surfaces, sides, curves, borders, contours, countertops, sinks, and much more. This machine is designed for drilling, sawing, profiling, milling, grinding and polishing. Pricing available upon request.

Manual Flaming Tools

Miles Supply also offers a line of Manual Flaming tools. As you can see here, there is a variety of styles and finishes you can create, give us a call and we'll be happy to answer any of your questions.



Fraccaroli Balzan Compact Water Treatment Plant

This water treatment plant comes ready to work, with all of the necessary components all in one unit. Measuring 17'X 7'.5" X 7'.5", this is the simple solution to your hard to clean sludge pits. Pricing available upon request.

Pump Daddy's Dewatering Pumps

These pumps can be used for low and high head dewatering by changing an impeller and are easy to operate, handle and maintain. Both models have an adopted top quality double mechanical seal and have highly efficient motors for use in rigid structure. The submersible dewatering HTV model is highly effective for diamond saw sludge pits and is equipped with a heat treated impeller and suction cover. The HGH model is ideal for quarry pumping and is also equipped with a heat treated impeller and mouse ring.

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Machinery and Equipment

PELLEGRINI meccanica spa

Pellegrini and **Hensel/Burkhardt** sold exclusively in North America through Miles Supply

Fraccaroli and Balzan Water Treatment Systems
Miles Supply is pleased to offer Fraccaroli and Balzan water treatment systems. Fraccaroli is known throughout Europe for this high quality equipment. With Miles Supply, Fraccaroli is able to determine what size water treatment system is best for your needs. These systems remove the need for "Sludge Pits" and the need to clean them every month. These units are self contained and separate the waste product and the water. In the end, the recycled water returns to your plant for use. Call us today, so that we may determine what system is best for your needs.

A waste water collection tank
B automatic flocculant station
C static decanter
D vat for slurry homogenizing
E filter press
F collection basin for purified water

Rock Tools

Dazzini Quarry Machines

Bidese Multiwire

Bidese Profiling Machine

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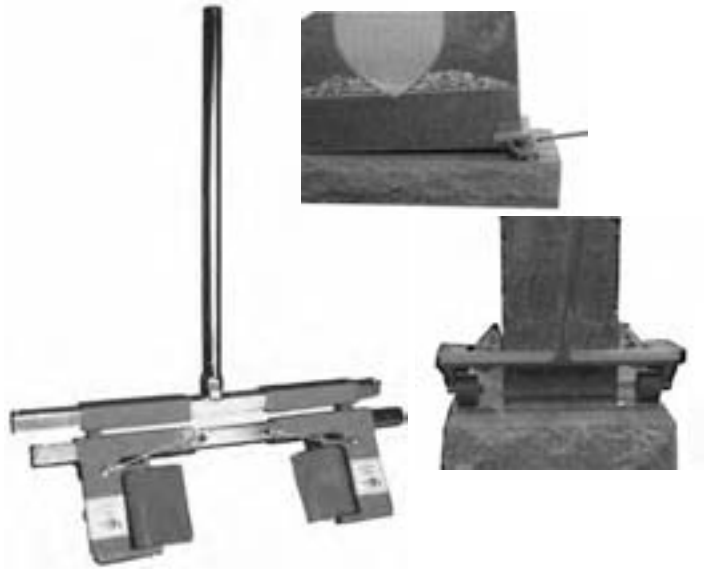
Handling Equipment and Supplies



The Original Stone Pro Setting System

Miles Supply is proud to be the exclusive distributor of the Original Stone Pro Setting System. This unique setting tool is fast and easy to use and does not require any tools for adjustments on stones from 6" – 12". This tools will pay for itself in not time as you recognize the time and cost savings that it provides.

Setting Clamps

Miles Supply offers their own version of this proven clamp. All steel construction provides strength and quality that will last for years to come. More importantly, their solid construction means safer handling of your stone with an added degree of efficiency. Sold by the set which includes two clamps which are designed to handle 7" to 15" all polished dies.

Monumentall

The Monumentall has the ability to handle stones 3" to 15" thick and a 2500 pound capacity. Protective grips prevent the polished surface from being damaged or scratched. This will save you time and money in handling monuments.

Venturo Truck Mounted Cranes

Venturo offers a full line of truck mounted cranes for lifting from 6000 ft/lbs to 66,000 ft/lbs. Options include outrigger packages, foldaway-side-pullout, mounting pedestals, proportional controls, radio remote controls, and pump & reservoir kits. Call Miles Supply today to select the right crane for your application.

Slab Handler

Miles Supply stocks this popular scissor type slab lifter. Great for lifting slabs in close areas. The Slab Handler lifts 1200 lbs and up to 3" thick slabs.

Ferrari Articulating Cranes

Ferrari offers innovative designs to insure top performance and low maintenance costs over the life of the crane. Miles Supply will be happy to assist you in selecting the crane and accessories that will perform your lifting tasks, at a cost within your budget.

Abaco Lifter

The Abaco lifter is perfect when head room is a problem. Its compact design and stainless steel swivel shackle are combined with an unbreakable center plate to make it even stronger. It has a 2,646 lb lifting capacity, a stronger lifting pin and will lift straighter with a larger grip range.

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Handling Equipment and Supplies

Hand Vacuum Cups

These pump action hand vacuum cups have a two-tone handle with plunger design to make it easy to see the important red safety band. The Light Touch sealing lip gives security and safety, while allowing one-hand attachment easy and fast! All metal parts are zinc plated, which means rust resistant. The heavy duty lexan handle is 5mm thick and will resist bending during especially heavy lifts. It also will not dent like metal handles or flex. Lifting capacity ranges from 123 lbs. to 160 lbs. Please contact Miles Supply for cup sizes and the lifting capacity of the model you need.

Sling Yoke

The "A" sling yoke with shackles and rollers offered by Miles Supply has a 4 ton capacity.

Sling Bar

Complete with pipe rollers and washers, the sling bar has a 3 ton capacity on inside rollers and 1 ½ ton capacity on outside rollers. Miles Supply can also have sling bars custom made for your particular application.

Double Suction Cups Model WH-9602

Used to carry glass or smooth stone, this lifting device can handle up to 176 lbs. Each cup is 4" in diameter with a total length of 12".

Single Suction Cup Model WH-9601H

This multi-function single cup lifting device can lift up to 330 lbs and measures 8" in diameter.

9/16" Double Braided Rope Sling

A round woven sling excellent for handling odd jobs or crated monuments.

1" Strap With Cordura

A favorite in sandblast shops and in the cemetery, these straps have a cordura wear strip sewn around the inside to decrease wear and give the strap extra grip on surfaces.

Tufflex Slings

Canvas wrapped fibers of polyester make these slings very versatile and easy to use. Available in different diameters to handle desired capacities.

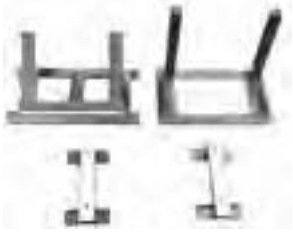
4" Wide Belt Slings

White 4" wide nylon belts with a cotton inner layer designed to reduce slipping and increase life. 4" width is standard but other widths and thicknesses available upon request.

Handling Equipment and Supplies

Sandblast Cart

Miles Supply is pleased to offer this open ribbed platform sandblast cart. Racking system (sold separately) prevents collecting of blast media. 30" width x 48" length and height built to your specifications.



Sandblast Cart Racks

For dies, slants and markers, these racks were manufactured for use with the sandblast cart pictured at left. All racks, and cart, sold separately.

Miles Supply Hand Carts

Miles Supply modified the popular hand cart from suggestions made by many users. The cart now has better axle position to give you more leverage during operation. Miles Supply has also repositioned the cross bars to allow an opening for better access when handling monuments during setting. This very useful monument cart still has the standard dual wheels and hand brake. Similar carts without brakes and with different wheel configurations are also available.

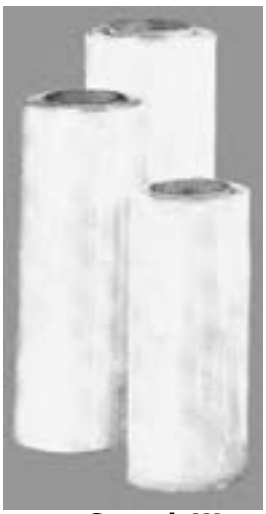
Pendants

Overhead crane pendants for all your indoor or outdoor applications. Available in 2, 4 or 6 button models.

Fiber Board

Our fiber board (shown above) is a fold and tuck system for packing all sizes and shapes of dies and bases. 30 different sizes for dies, bases and grass markers.

Wax Coated Cardboard (not shown) 84" x 19 ½" wax coated corrugated cardboard available in bundles of 250 sheets. Miles Supply believes this is ideal for shipping uses when a carving or specialized surface needs to be protected.



Stretch Wrap

Available in 18" x .80 gauge, this stretch wrap has become popular for crating purposes. Miles Supply sells it by the roll or in a case of 4 rolls.

Polyethelene

Miles Supply has polyethelene for your packaging needs. Our polyethelene comes in .002 mil thickness to protect your finished stone. We stock the following sizes, by width: 18", 26", 30", 36", 44", and 48".

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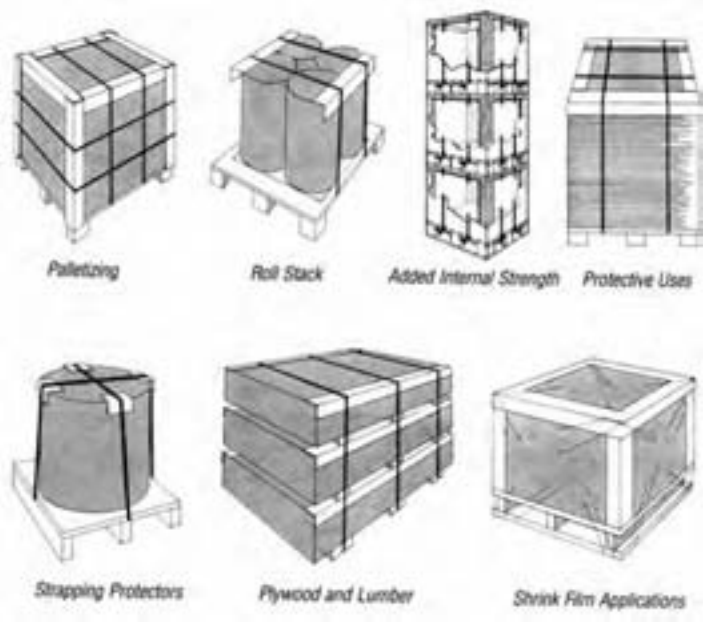
Shipping Supplies

Polyester Plastic Strapping

You can save up to 25% by using polyester strapping, depending on the size of steel you normally use. This strapping is great because it can be disposed of by rolling and bending, and it can be recycled! Our polyester strapping is moisture and UV resistant. Miles Supply stocks ½" x .028 and 5/8" x .035, but many other different widths and gauges are available.



Edgeboard and Edge Protectors

Miles Supply's edgeboard is made from several plies of paperboard that are glued, treated and formed into a rigid right angle. The edge protectors are made of plastic and provide more durable protection. Both the edgeboard and edge protectors are available in various lengths and calipers.

Plastic Strapping P404 tools

The rugged and versatile P404 manual tool for plastic strapping is designed for efficient packaging of boxes, pallets, bales and crates with either polyester or polypropylene strapping. This lightweight tool uses a metal seal to provide high efficiency joints on high tension strapping, for maximum safety. The P404 is economical and low maintenance.

Plastic Strapping Sealer

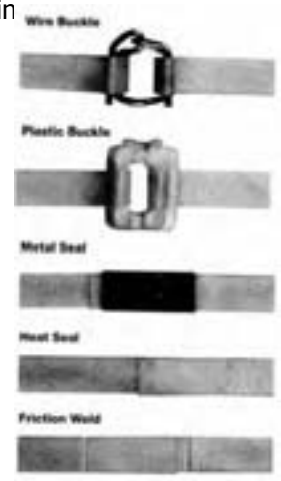
Miles Supply carries this plastic strapping sealer in both ½" and 5/8" sizes, for use with polyester or polypropylene strappin

Plastic Strapping Tensioner

For use with polyester or polypropylene, this tensioner is lightweight and durable due to the aluminum construction. Applies maximum tension quickly with little effort. Available in sizes ½" or 5/8" from Miles Supply.

Plastic Strapping Seals

Miles Supply carries all the tools you need for your polyester plastic strapping, including these metal seals.



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Shipping Supplies

Steel Strapping Seals
Miles Supply offers a wide variety of seals for both manual application and for use in semi-automatic tools where a sleeve of seals is loaded. The open end type is our most popular.

Steel Strapping Tensioners
Miles Supply's steel strapping tensioners are for general use on flat surfaces. These tensioners feature fast and easy operation.

Fromm Sealless Strapper (Model A335)
Miles Supply offers this lightweight, versatile sealless strapper. It can be operated with ease and maximum efficiency in any position with two handle control of tensioning, sealing and cut off, and only weighs 8.6 lbs.

Steel Strapping
Miles Supply carries steel strapping in a wide variety of sizes and gauges. It is manufactured to meet rigid quality specifications and close tolerances.

Steel Strapping Sealers
Miles Supply carries double notch down cut sealers that yield high joint effieciency. These sealers are used with feedwheel type tensioners on regular shaped units using open end seals.

Bandiron Cart #100-567
Miles Supply is happy to offer this mobile dispenser of oscillated wound coils that comes complete with tool and seal tray, 10" wheels, and automatic brake. Can be used with oscillated wound steel and plastic strapping.

Horizontal Bandiron Dispenser #100-7
The span bucket is made of heavy gauge steel and is bearing mounted for easy payoff. The cover is available and sold separately by Miles Supply.

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Drilling and Coring Equipment

Metabo bhe 6021S

Metabo khe32 SDS Rotary Hammer

Metabo sbe660 Hammer

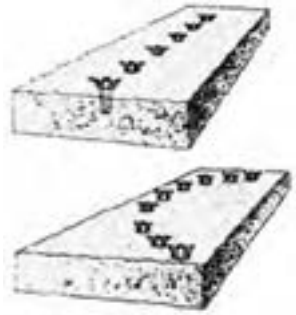
Metabo khe 28

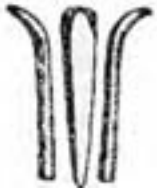
Metabo Rotary Hammer Drills

These SDS hammers are lightweight with plenty of "punch." Designed to use the standard SDS (Slotted Drive System) carbide bit, these compact hammers have a great power-to-weight ratio and are typically much faster than the larger Spline drive hammers. All Metabo SDS hammers can be switched to rotation only mode for extra convenience. Please call us today to find the right model for you.

Atlas Copco DKR36 Air Hammer Drill

The DKR36 is a lightweight, versatile machine which Miles Supply believes is the perfect choice for drilling plug holes from 5/16" to 1 1/8" in diameter. This drill has a built in lubricator for easy maintenance.





Feathers and Wedges

A time tested way to split stone. Available from Miles Supply in a variety of sizes.

- Drill holes along your split line at least as deep as your wedges are long and about 6" apart. The feathers and wedges should fit snugly into the hole. The split line may be straight or curved. For more difficult splits, be sure to drill the holes deeper and closer together.
- Insert feathers and wedges into the holes. Be sure the wings face the direction you want the stone to split.
- Strike the wedges in sequence, firmly, but not forcing. Wait a few minutes, then repeat until stone is split.

Harper Utility Air Drill

Miles Supply has a wide variety of Harper air tools, including the popular 4105 or UT7 Utility Air Drill. Miles Supply also carries a variety of parts for these drills.

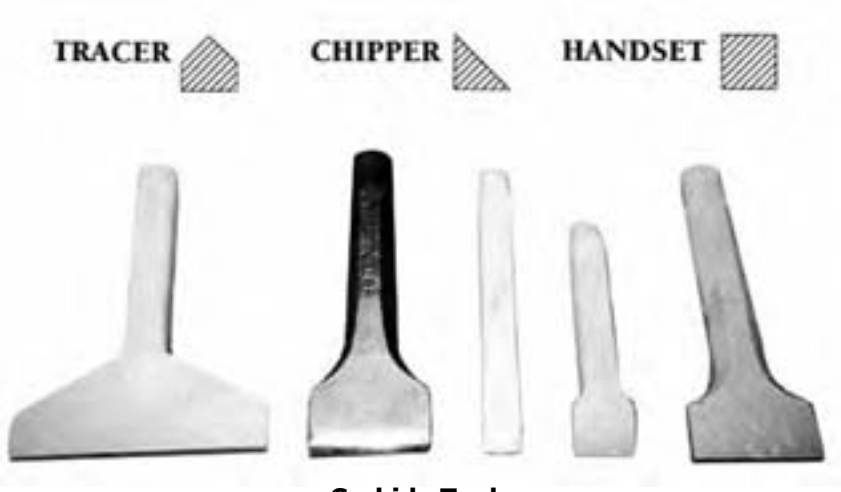
Tapered Hammer Drill Bits

Available from Miles Supply in many sizes of both diameter and drill depth. High impact carbide withstands constant pounding. Adapter also available to accommodate tapered shaft.

Atlas Copco TEX 317 and 318 Chipping Hammers

Miles Supply recommends these tools because they are designed to provide years of trouble-free service and are equipped with oil resistant neoprene exhaust deflectors.

Carbide Tools



Carbide Tools

These high impact carbide tools will do the job of stonecutting as a hand tool or machine tool, and will wear very conservatively. Miles Supply offers a broad range of hand tools with different shapes of carbide on the head and different head widths. Chipping straight edge is also available, but not shown. We carry a variety of pneumatic machine chisels, ranging from 1/8" in width to 1 ½". We also retip these carbide tools with a 2 to 3 week turnaround time, for a very reasonable fee.

Plug Drill Bits

Miles Supply carries a wide variety of plug drill bits available with either 3 ¼ or 4 ¼ Hex shanks.

4 points and 9 points

Carbide points manufactured for desired finishes, available in different sizes by Miles Supply.

Machine chisels

Standard machine chisels and clean up chisels available in head widths of 3/16" to 1 ½" from Miles Supply.

Metabo Carbide Tipped Drill Bits

Available in a variety of lengths and diameters, these SDS shanked bits will out perform all others in the market. Diameter sizes available range from 3/16" - 1 1/8".

Suction Cups

Sold individually or as a pair by Miles Supply, these handy items are great for clamping down a straight edge. The suction cup without hardware is also sold separately.

Miscellaneous Manufacturing Items

Carbide and Steel Bullsets
Miles Supply offers both carbide and steel bullsets, which are available in standard sizes of 8 lb and 10 lb with a 24" hickory handle.

Stonecutters Hammers
High quality hammers available in weights of 2 lb through 6 lb, and special order weights can be placed with Miles Supply. Hammers are sold with or without 12" fiberglass handle.

Tape Measures
A wide variety available from Miles Supply in both quality and economy styles from 12' to 25'. Also available in quick read with 1/16" marked.

Sledgehammer
Miles Supply sells these steel 8 lb and 10 lb sledge-hammers with the traditional head design, which are the choice of many in the industry today. Sold with or without handle.

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Miscellaneous Manufacturing Items

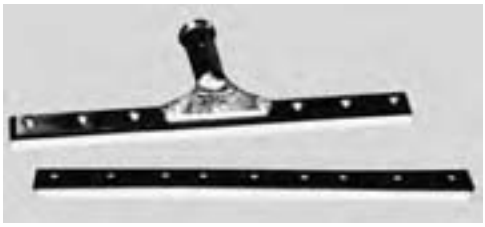
4" Mixer Head
Miles Supply stocks this handy tool for use with ¾" drill. Great for mixing plaster!

Utility Scraper
Great tool from Miles Supply with retractable razor scraper.

Drafting French Curve Set
Miles Supply offers this 3 piece french curve set made of crystal clear plastic for your drafting and layout needs.

Transparent Triangles
Miles Supply stocks plastic triangles for your drafting needs in the most popular sizes of 6", 8", or 10" sizes with 45°/ 90° or 30°/ 60° angles.

C Clamps
Miles Supply carries these 1" clamps that are good for limit stops on saws or polishers. They are also great for clamping any small items.



Squeegee
Used for wiping off smooth, flat surfaces, Miles Supply carries 12", 14", 16", and 18" squeegees. We also carries a heavy duty 24" squeegee for larger jobs. Replacement blades and wooden handles are also available.

Rubber Pail
Miles Supply carries this all purpose 18 quart rubber pail to meet your many needs.

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Miscellaneous Manufacturing Items

Handy Marker Crayons

Handy crayons are ideal for stone or rubber marking and are available in red, yellow or black. They are sold in a box of a dozen by Miles Supply.

China Markers

Traditional china markers are available through Miles Supply in various colors, and are still the choice by many for marking stone.

Omnichrome Pencils

The newest thing to hit the industry, these colored pencils actually write through water onto smooth surfaces. Miles Supply sells these oil chalk pencils individually or by the dozen, with available colors of red, black, yellow and white. Great in high humidity areas.

Carpenters Chalk

Miles Supply carries carpenters chalk, which is used by stonecutters with string to snap lines on stone.

Action Markers

These permanent ink markers with felt tips are disposable. Miles Supply carries both red and black.

Soapstone

Sold in boxes of 144 pieces, Miles Supply's Clover Soapstone guarantees a consistent, even line when marking on polished stone surfaces.

Mechanical Pencils

Miles Supply stocks these popular pencils that are used with grease lead for marking on wet, polished stone. The lead is available in red, white or black for distinguishing the steps of production.

Carpenter Pencils

The Dixon 977-H hard lead carpenter pencil offered by Miles Supply is perfect for on the job work, and is available in boxes of 12 pieces.

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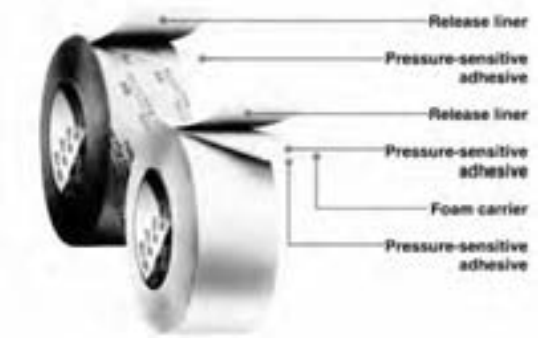
Miscellaneous Manufacturing Items



3M #4950 VHB Tape

Miles Supply offers this new solution for the permanent application of ceramic or bronze onto monuments. This tape is guaranteed to stick and hold.

3M #465 Double Backed Tape

Ideal for cemetery lettering, this tape makes stencil application and removal a snap! Available in widths of 2, 3, 4, 6, and 8" from Miles Supply.

3M & Nashua Duct Tape

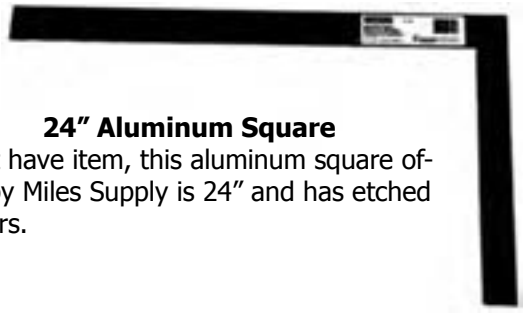
Available in widths of 1", 2", 4" and 6" these great tapes are the choice of many, including Miles Supply. There are 60 yards per roll and rolls can be purchased individually or by the case.

Masking Tape

3M's #2307 Highland tape is economically priced and available in sizes ranging from ¾" to 4" from Miles Supply.

3M Green #233+ Masking Tape

This low tack adhesive tape works great for covering polish to protect it during sandblast. With its low tack adhesive, it leaves no residue on the washstand when pulled off, which translates to savings in time and labor.

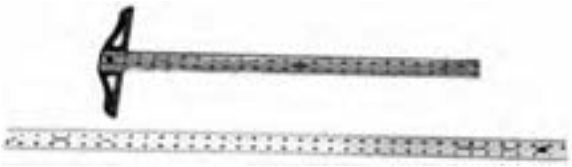


24" Aluminum Square

A must have item, this aluminum square offered by Miles Supply is 24" and has etched numbers.

Levels

Top read Stanley aluminum levels are sold by Miles Supply in 2 foot or 4 foot lengths.



T Squares

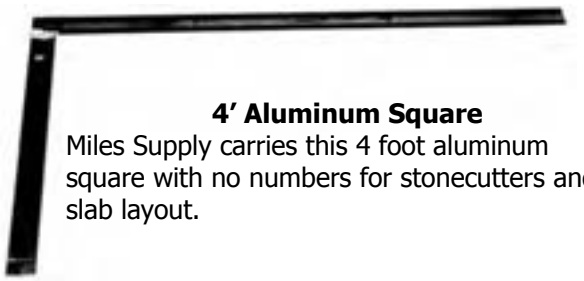
Miles Supply carries t squares which are made of the highest quality tempered aluminum in blade sizes 24", 36", 48", 60", and 72".

Centering Rule

Miles Supply carries both a 24" and 36" centering rule with easy to read black numbers.

Aluminum Rule

Miles Supply stocks aluminum rules for all your straight edge needs in 24", 36", 48", 60" and 72" sizes.



4' Aluminum Square

Miles Supply carries this 4 foot aluminum square with no numbers for stonecutters and slab layout.

Barre, VT
800.396.8049

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Montrose, PA
888.278.8383

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Conditions of Sale

CONDITIONS OF SALE

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PRICES

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Phone: +49-8282-9008-0
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Miles Supply, Inc.
143 Boynton Street
Barre, Vermont 05641
800.396.8049

Miles Supply, Inc.
6 Ellsworth Drive
Montrose, Pennsylvania 18801
888.278.8383

Miles Supply, Inc.
1599 Hartwell Highway
PO Box 593
Elberton, Georgia 30635
888.283.5863

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